2013 UTILITY & STREET CONSTRUCTION
CITY OF FOND DU LAC, WISCONSIN

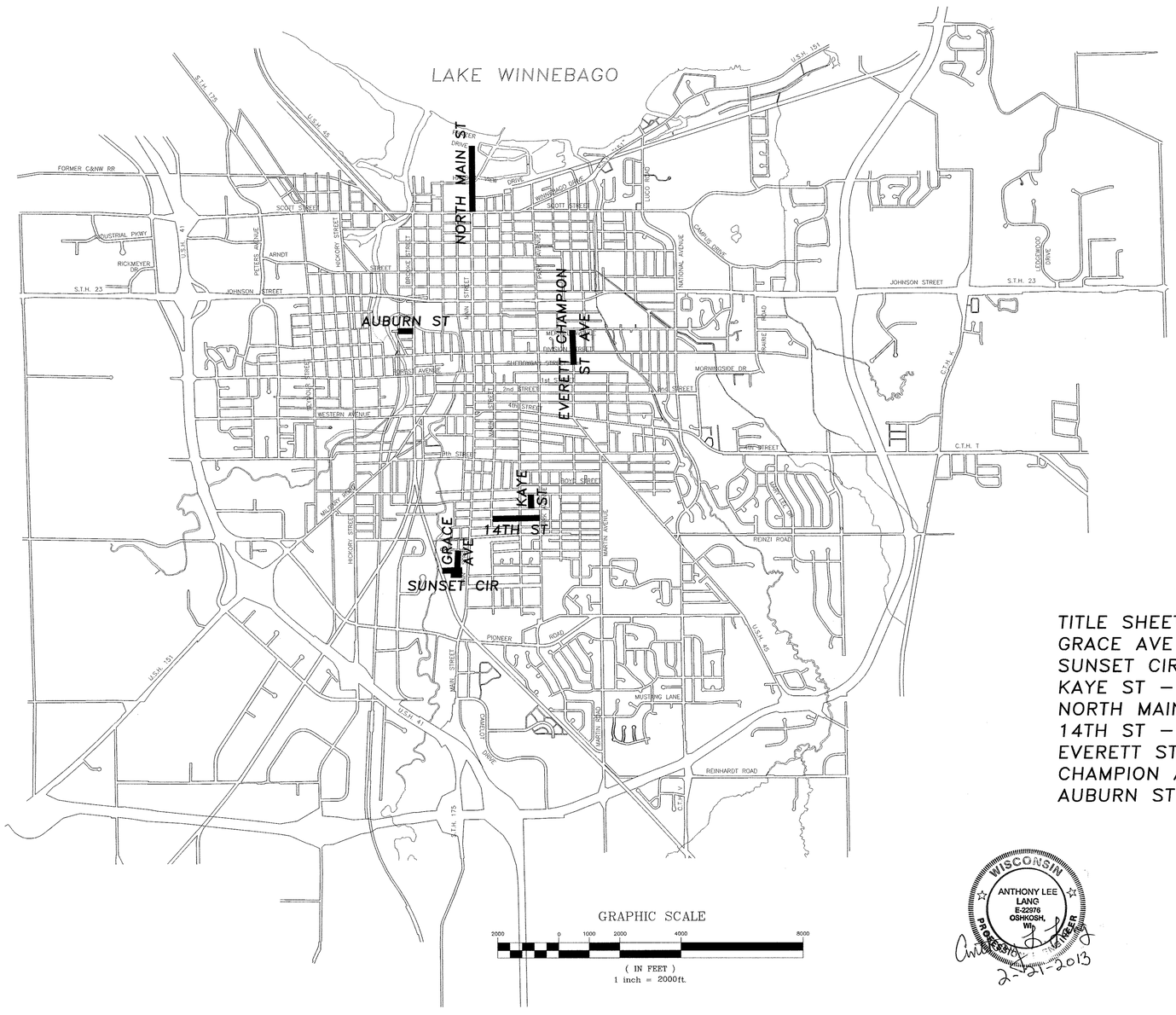
WISCONSIN STATUE 182.0175 REQUIRES YOU TO OBTAIN THE LOCATION OF UNDERGROUND UTILITIES A MINIMUM OF 3 WORK DAYS BEFORE DIGGING

CALL DIGGERS HOTLINE:
811 OR (800) 242-8511
HTTP://WWW.DIGGERSHOTLINE.COM/

DIGGERS HOTLINE

HATCHING LEGEND

- ASPHALT REMOVAL
- ASPHALT REPLACEMENT OR TRANSITION
- REMOVE & REPLACE CONCRETE PAVEMENT (THICKNESS NOTED ON PLAN)
- 4" SIDEWALK
- 6" APPROACH & SIDEWALK (UNLESS OTHERWISE NOTED)
- 6" GRAVEL DRIVEWAY OR TRANSITION
- SIDEWALK REMOVAL



GRAPHIC SCALE

2000 0 1000 2000 4000 8000

(IN FEET)
1 inch = 2000ft.

– UTILITIES –

ALLIANT UTILITY
883 WEST SCOTT STREET, P.O. BOX 1217
FOND DU LAC, WI. 54935-1217 (920) 322-6683 OR 1-800-862-6222

AT&T
70 EAST DIVISION STREET
FOND DU LAC, WI. 54935 (920) 929-8459 OR 1-800-242-8335

CHARTER COMMUNICATIONS
165 KNIGHTS WAY
FOND DU LAC, WI. 54935 (920) 457-1720 OR (920) 263-0074 OR 1-800-581-0081

CITY OF FOND DU LAC, ELECTRICAL DIVISION
STEVE KEES, OPERATIONS DIRECTOR
530 DOTY STREET
FOND DU LAC, WI. 54935 (920) 322-3542

CITY OF FOND DU LAC, WATER UTILITY, KATHY SCHARF
KATHY SCHARF – WATER OPERATIONS MANAGER
160 SOUTH MACY STREET, P.O. BOX 150
FOND DU LAC, WI. 54935-0150 (920) 322-3682

CITY OF FOND DU LAC, DEPARTMENT OF PUBLIC WORKS
JORDAN SKIFF – DIRECTOR OF PUBLIC WORKS
160 SOUTH MACY STREET, P.O. BOX 150
FOND DU LAC, WI. 54935-0150 (920) 322-3470

CITY OF FOND DU LAC, ENGINEERING DIVISION
PAUL DEVRIES, P.E. – CITY ENGINEER
160 SOUTH MACY STREET, P.O. BOX 150
FOND DU LAC, WI. 54935-0150 (920) 322-3470

FEBRUARY 21, 2013

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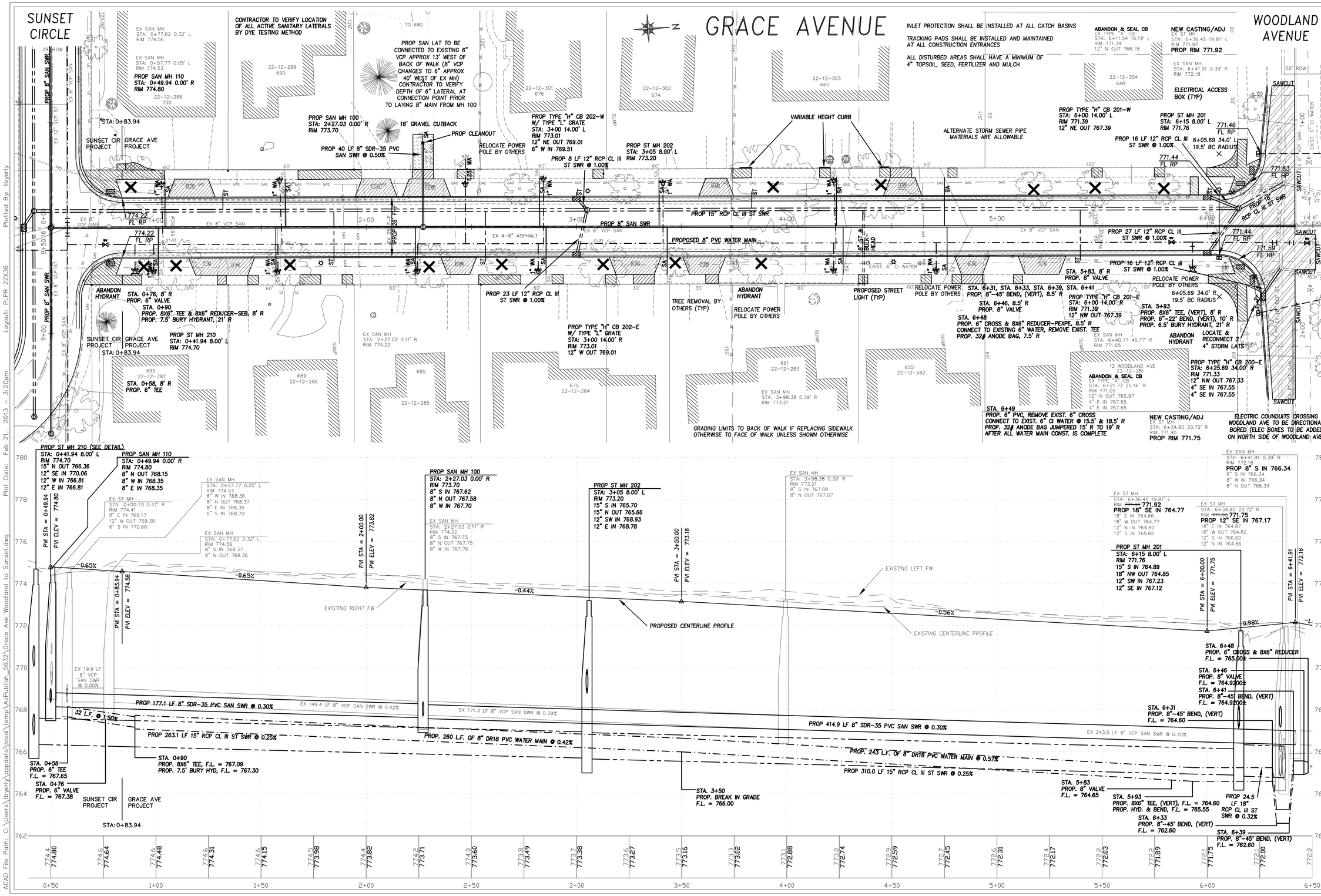
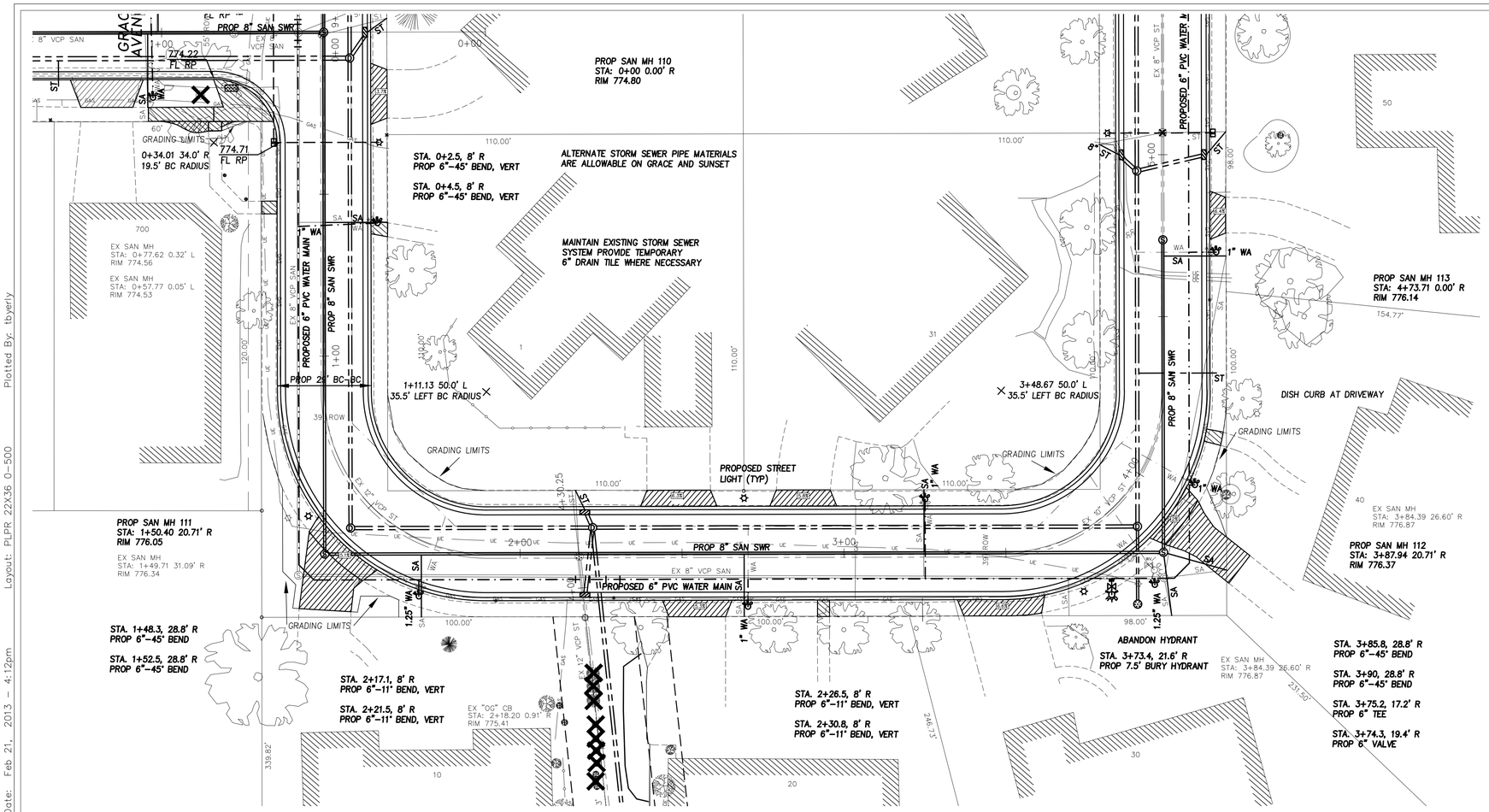
WISCONSIN
ANTHONY LEE LANG
E-22376
OSHKOSH, WI
PROFESSIONAL ENGINEER
2-21-2013

Fond du Lac
First on the Lake

ENGINEERING AND TRAFFIC DIVISION
P.O. Box 150 160 S. Macy Street
Fond du Lac, WI. 54935-0150
Phone: (920) 322-3470
FAX: (920) 322-3471


SUNSET CIRCLE
GRACE AVENUE
WOODLAND AVENUE
CONTRACTOR TO VERIFY LOCATION OF ALL ACTIVE SANITARY LATERALS BY DYE TESTING METHOD
PROP SAN LAT TO BE CONNECTED TO EXISTING 6" VCP APPROX 13' WEST OF BACK OF WALK (8" VCP CHANGES TO 6" APPROX 40' WEST OF EX MH) CONTRACTOR TO VERIFY DEPTH OF 6" LATERAL AT CONNECTION POINT PRIOR TO LAYING 8" MAIN FROM MH 100
INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS
TRACKING PADS SHALL BE INSTALLED AND MAINTAINED AT ALL CONSTRUCTION ENTRANCES
ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL, SEED, FERTILIZER AND MULCH
ALTERNATE STORM SEWER PIPE MATERIALS ARE ALLOWABLE
ELECTRICAL ACCESS BOX (TYP)
VARIABLE HEGHT CURB
PROP 8" SAN SWR
PROPOSED 8" PVC WATER MAIN
PROP 15" RCP CL III ST SWR
EX 4-6" ASPHALT
PROP ST MH 210 (SEE DETAIL)
STA: 0+41.94 8.00' L
RIM 774.70
15" N OUT 766.36
12" SE IN 770.06
12" W IN 766.81
12" E IN 766.81
PROP SAN MH 110
STA: 0+49.94 0.00' R
RIM 774.80
8" N OUT 768.15
8" W IN 768.35
8" E IN 768.35
PROP SAN MH 100
STA: 2+27.03 0.00' R
RIM 773.70
8" S IN 767.62
8" N OUT 767.58
8" W IN 767.70
PROP ST MH 202
STA: 3+05 8.00' L
RIM 773.20
15" S IN 765.70
15" N OUT 765.66
12" SW IN 768.93
12" E IN 768.78
PROP ST MH 201
STA: 6+15 8.00' L
RIM 771.76
15" S IN 764.89
18" NW OUT 764.85
12" SW IN 767.23
12" SE IN 767.12
PROP 18" SE IN 764.77
PROP 12" SE IN 767.17
PROP 771.75
PROP 771.92
EXISTING LEFT FW
EXISTING RIGHT FW
PROPOSED CENTERLINE PROFILE
EXISTING CENTERLINE PROFILE
-0.65%
-0.65%
-0.44%
-0.56%
0.98%
PROP 177.1 LF 8" SDR-35 PVC SAN SWR @ 0.30%
EX 149.4 LF 8" VCP SAN SWR @ 0.42%
EX 171.3 LF 8" VCP SAN SWR @ 0.39%
PROP 414.9 LF 8" SDR-35 PVC SAN SWR @ 0.30%
EX 243.5 LF 8" VCP SAN SWR @ 0.30%
PROP 263.1 LF 15" RCP CL III ST SWR @ 0.25%
PROP. 260 L.F. OF 8" DR18 PVC WATER MAIN @ 0.42%
PROP. 243 L.F. OF 8" DR18 PVC WATER MAIN @ 0.57%
PROP 310.0 LF 15" RCP CL III ST SWR @ 0.25%
32 L.F. @ 1.50%
STA. 0+58 PROP. 6" TEE F.L. = 767.65
STA. 0+76 PROP. 6" VALVE F.L. = 767.38
STA. 0+90 PROP. 8X6" TEE, F.L. = 767.09 PROP. 7.5' BURY HYD, F.L. = 767.30
STA. 3+50 PROP. BREAK IN GRADE F.L. = 766.00
STA. 5+83 PROP. 8" VALVE F.L. = 764.65
STA. 5+93 PROP. 8X6" TEE, (VERT), F.L. = 764.60 PROP. HYD. & BEND, F.L. = 765.55
STA. 6+33 PROP. 8"-45° BEND, (VERT) F.L. = 762.60
STA. 6+39 PROP. 8"-45° BEND, (VERT) F.L. = 762.60
STA. 6+31 PROP. 8"-45° BEND, (VERT) F.L. = 764.60
STA. 6+41 PROP. 8"-45° BEND, (VERT) F.L. = 764.9200±
STA. 6+46 PROP. 8" VALVE F.L. = 764.9200±
STA. 6+48 PROP. 6" CROSS & 8X6" REDUCER F.L. = 765.00±
PROP 24.5 LF 18" RCP CL III ST SWR @ 0.32%
SUNSET CIR PROJECT
GRACE AVE PROJECT
STA: 0+83.94
774.4 774.80
774.5 774.64
774.6 774.48
774.6 774.31
774.6 774.15
774.5 773.98
774.4 773.82
774.2 773.71
774.0 773.60
773.8 773.49
773.7 773.38
773.6 773.27
773.5 773.16
773.3 773.02
773.1 772.88
773.0 772.74
772.9 772.59
772.7 772.45
772.6 772.31
772.4 772.17
772.2 772.03
772.2 771.89
772.1 771.75
772.1 772.00
772.0
0+50
1+00
1+50
2+00
2+50
3+00
3+50
4+00
4+50
5+00
5+50
6+00
6+50
Department of Public Works
Engineering & Land Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471
Fond du Lac
First on the Lake
PROJECT
GRACE AVE - SUNSET TO WOODLAND
UTILITY & STREET RECONSTRUCTION
BENCH MARKS
Hyd (ser) SE Corner Grace & Woodland = 774.03 (NAVD 88)
Hyd (ser) NW Corner Grace & Sunset = 775.14 (NAVD 88)
Hyd (ser) NE Corner Grace & Sunset = 776.62 (NAVD 88)
DATE: SEPT. '12
DRAWN BY: TJB
DATE: JAN. '13
CHECKED BY: TJB
DATE:
VERT. 1"=2'
SCALES: HORIZ. 1"=20'
ACAD FILE: ra_09d.a.to.S.dwg
REVISIONS:
BY:
DATE:
SHEET 1 OF 16
Plotted By: tbyerly
Layout: PLPR 22X36
Plot Date: Feb 21, 2013 - 3:20pm
ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Grace Ave Woodland to Sunset.dwg

SUNSET CIRCLE



INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS

TRACKING PADS SHALL BE INSTALLED AND MAINTAINED AT ALL CONSTRUCTION ENTRANCES

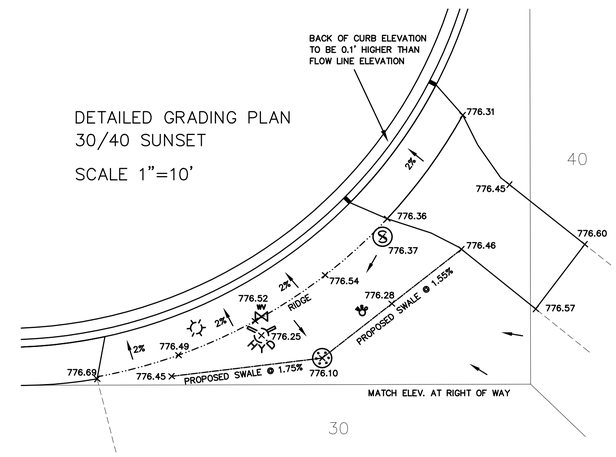
ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL, SEED, FERTILIZER AND MULCH

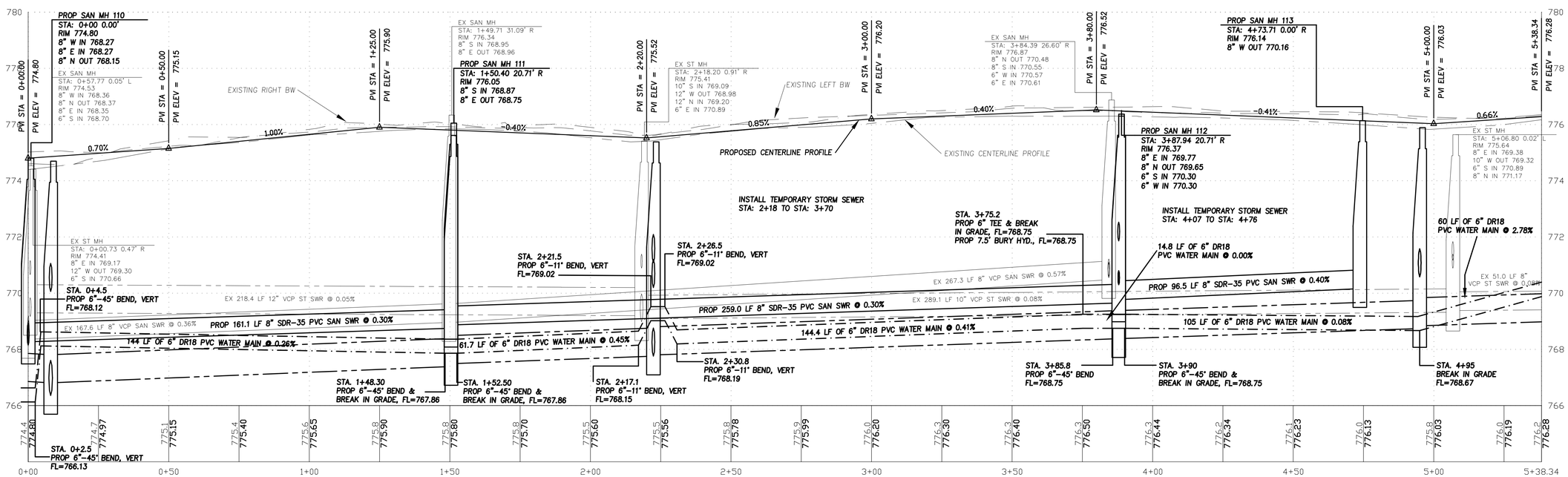
GRADING LIMITS TO RIGHT-OF-WAY LINE UNLESS SHOWN OTHERWISE

CONTRACTOR TO VERIFY LOCATION OF ALL ACTIVE SANITARY LATERALS BY DYE TESTING METHOD

DETAILED GRADING PLAN
30/40 SUNSET

SCALE 1"=10'





Department of Public Works
Engineering & Traffic Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
SUNSET CIRCLE
UTILITY & STREET RECONSTRUCTION

BENCH MARKS
Hyd (or) E/S @ 661 Grace Ave = 775.24 (NAVD 88)
Hyd (or) E/S Grace & Sunset = 776.70 (NAVD 88)
Hyd (or) SW/S @ 30/40 Sunset Cir = 778.94 (NAVD 88)

SURVEYED BY: TJB
DRAWN BY: TJB
DESIGNED BY: TJW
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: S_____1.dwg
DATE: 9/12
DATE: 11/13
DATE: 11/12

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 2 OF 16

ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Sunset Cir 2013.dwg
Plot Date: Feb 21, 2013 - 4:12pm
Layout: PLPR 22X36 0-500
Plotted By: tbyerly

SUNSET CIRCLE

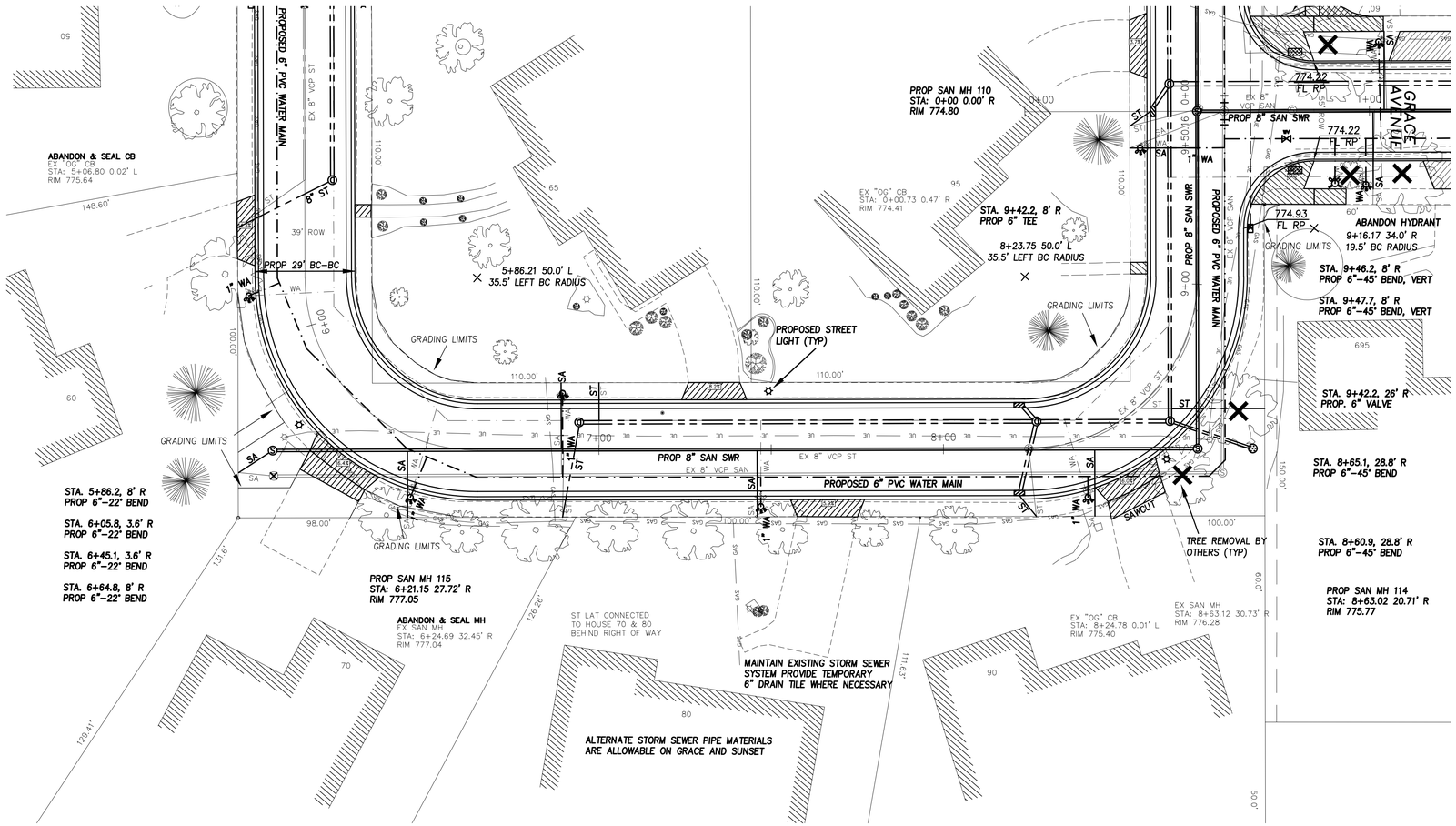
INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS

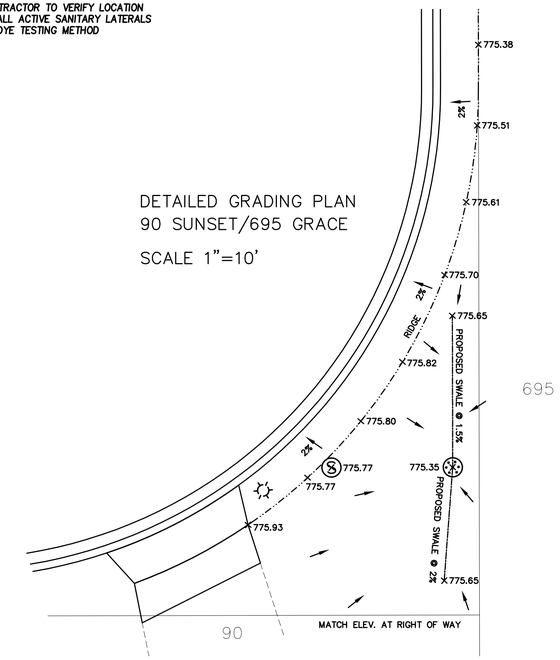
TRACKING PADS SHALL BE INSTALLED AND MAINTAINED AT ALL CONSTRUCTION ENTRANCES

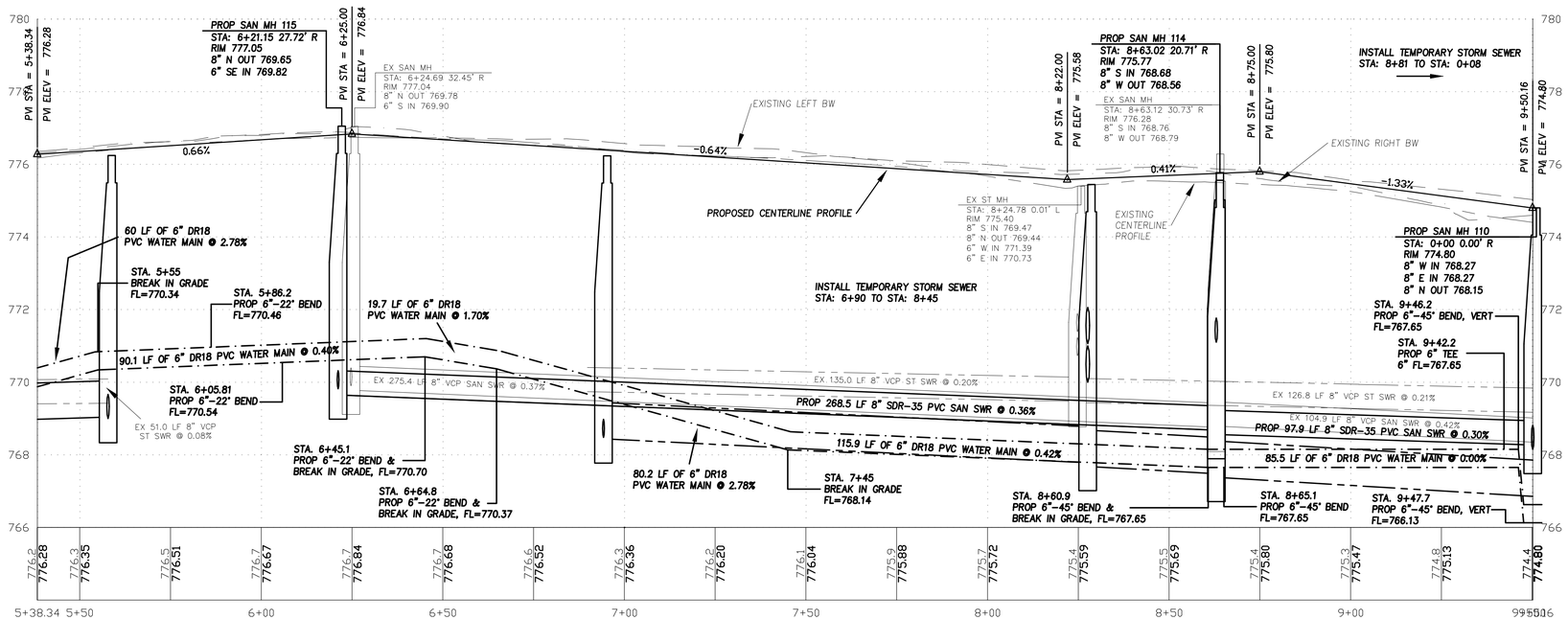
ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL, SEED, FERTILIZER AND MULCH

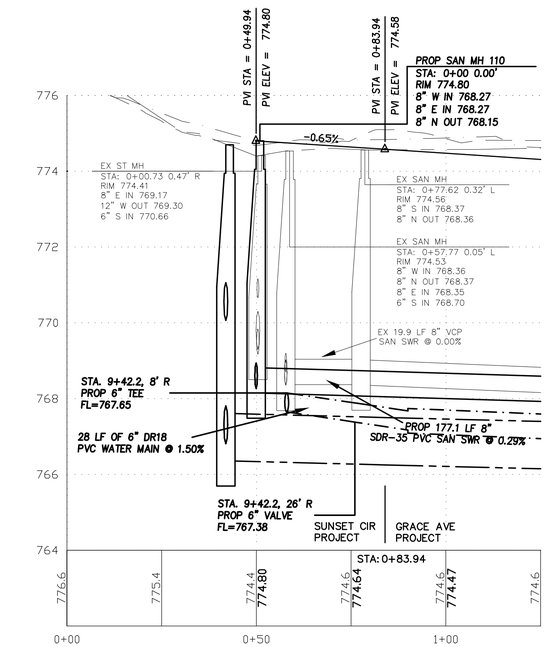
GRADING LIMITS TO RIGHT-OF-WAY LINE UNLESS SHOWN OTHERWISE

CONTRACTOR TO VERIFY LOCATION OF ALL ACTIVE SANITARY LATERALS BY DYE TESTING METHOD









Department of Public Works
Engineering & Traffic Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
SUNSET CIRCLE
UTILITY & STREET RECONSTRUCTION

BENCH MARKS
Hyd (grn) E/S @ 681 Grace Ave = 775.24 (NAVD 88)
Hyd (grn) E/S @ Grace & Sunset Cir = 775.30 (NAVD 88)
Hyd (grn) SW/S @ 30/40 Sunset Cir = 778.94 (NAVD 88)

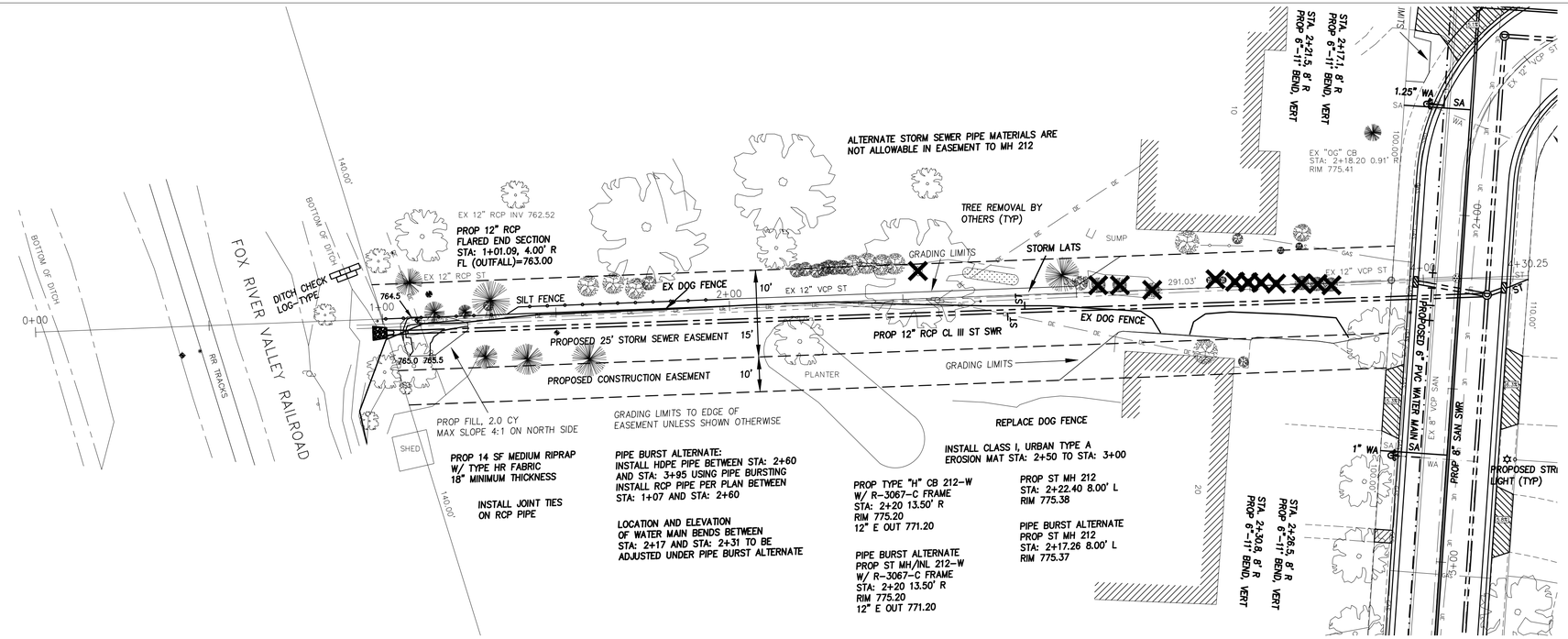
SURVEYED BY: TJB
DRAWN BY: TJB
DESIGNED BY: TJW
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: S_____1.dwg
DATE: 9/12
DATE: 11/12
DATE: 11/13

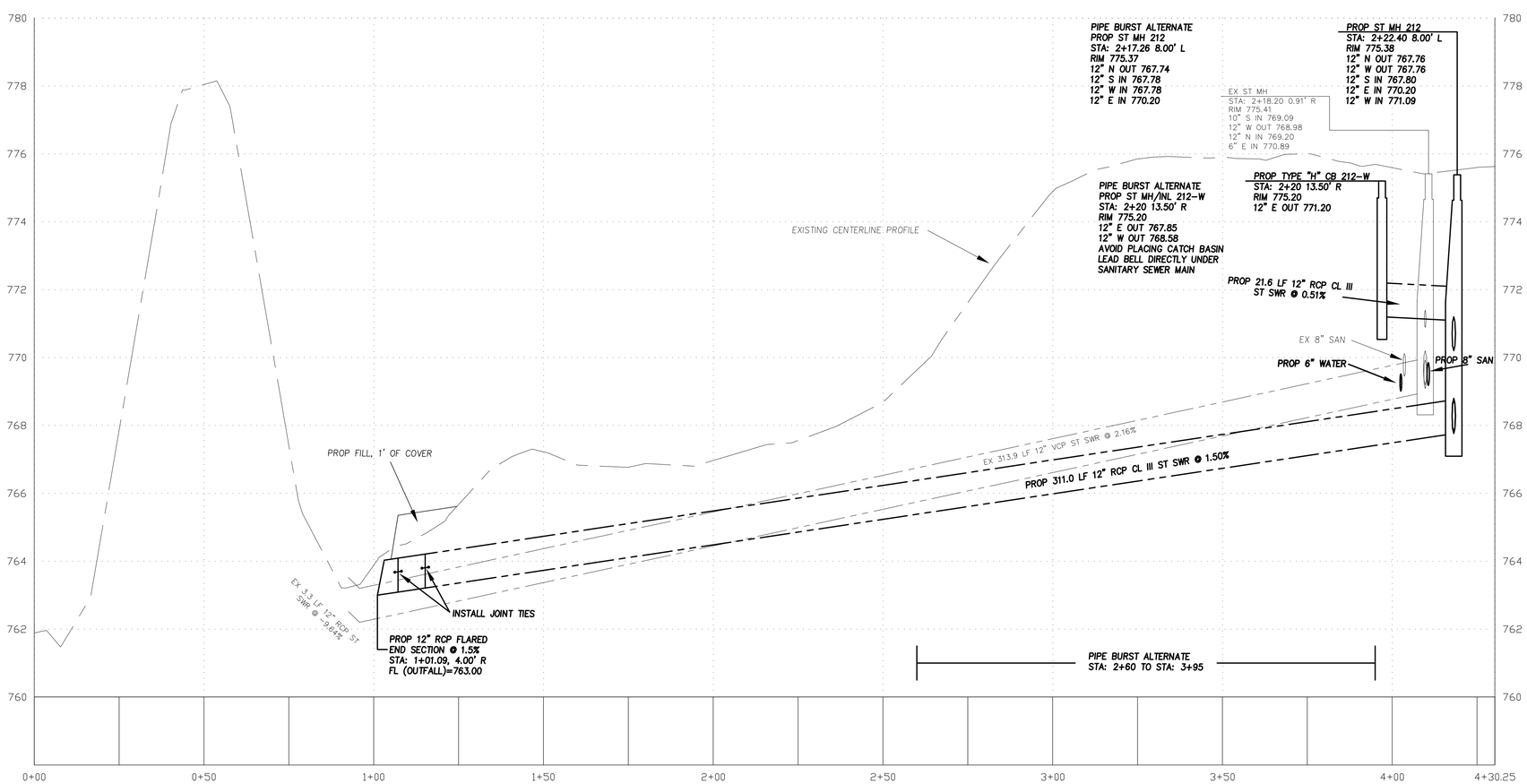
REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 3 OF 16

ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Sunset Cir 2013.dwg Plot Date: Feb 21, 2013 - 4:14pm Layout: PLPR 22X36 500-End UD Plotted By: tbyerly

SUNSET CIRCLE

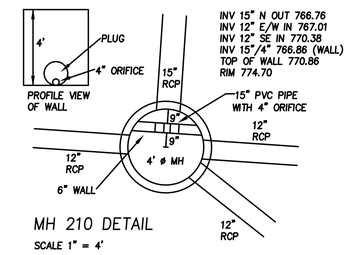




INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS

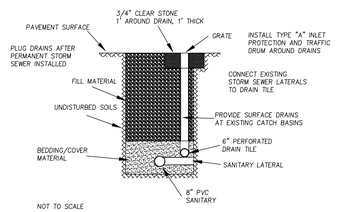
TRACKING PADS SHALL BE INSTALLED AND MAINTAINED AT ALL CONSTRUCTION ENTRANCES

ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL, SEED, FERTILIZER AND MULCH

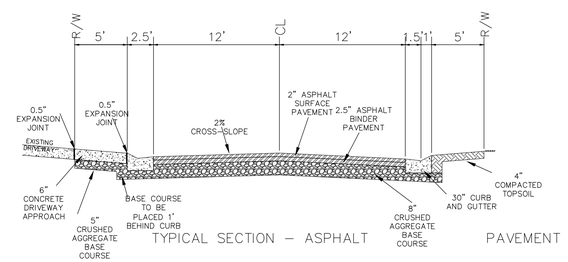


MH 210 DETAIL

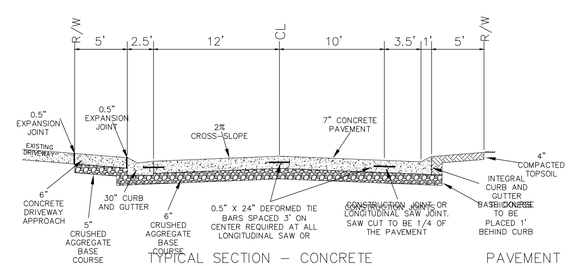
SCALE 1" = 4'



TEMPORARY STORM SEWER DETAIL



TYPICAL SECTION – ASPHALT PAVEMENT



TYPICAL SECTION – CONCRETE PAVEMENT

NOT TO SCALE

CIRCLE

– 29' BACK TO

BA

Department of Public Works
Engineering & Traffic Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
SUNSET CIRCLE
UTILITY & STREET RECONSTRUCTION

BENCH MARKS

Hyd (cor) E/S @ 661 Grace Ave = 775.24 (NAVD 88)
Hyd (cor) W/S @ 5 Sunset Cir = 776.70 (NAVD 88)
Hyd (cor) SW/S @ 35/40 Sunset Cir = 778.94 (NAVD 88)

SURVEYED BY: TJB DATE: 9/12
DRAWN BY: JJW DATE: 11/12
DESIGNED BY: JJW DATE: 1/13
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: S_____t_r_1.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 4 OF 16

ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Sunset Cir 2013.dwg Plot Date: Feb 21, 2013 - 4:17pm Layout: PLPR 22X36 ST EASE Plotted By: tbyerly

KAYE STREET

THIRTEENTH STREET

ELEVENTH STREET

ELECTRIC CONDUIT CROSSING EAST THIRTEENTH ST TO BE DIRECTIONAL BORED

PROP ST MH 220
STA: 0+62 21.53' L
RIM 768.83
18" E OUT 762.50
18" S IN 763.01

PROP ST MH 221 (5' DIA)
STA: 0+67.38 7.94' L
RIM 768.45

PROP 15 LF 18" RCP CL III ST SWR @ 5.34%

PROP 24 LF 12" RCP CL III ST SWR @ 1.00%

PROP 16 LF 27" RCP CL III ST SWR @ 0.40% & PLUG

PROP 27" RCP CL III ST SWR

PROP SAN MH 120
STA: 1+00 0.00' R
RIM 768.43

EXISTING 411 LF OF 18" RCP STORM SEWER TO BE ABANDONED IN PLACE USING SAND OR CELLULAR CONCRETE.

PROP TYPE "H" CB 222-W
STA: 2+50 16.00' L
RIM 767.24
12" NE OUT 763.24
6" W IN 763.74

RELOCATE POWER POLE BY OTHERS

PROP 9 LF 12" RCP CL III ST SWR @ 1.00%

PROP 8" SAN SWR

PROP 25 LF 12" RCP CL III ST SWR @ 1.00%

PROPOSED 6" PVC WATER MAIN

TREE REMOVAL BY OTHERS (TYP)

PROP TYPE "H" CB 222-E
STA: 2+50 16.00' R
RIM 767.24
12" W OUT 763.24
6" E IN 763.74

PROP ST MH 222 (5' DIA)
STA: 2+55 8.26' L
RIM 767.49

CONTRACTOR TO VERIFY LOCATION OF ALL ACTIVE SANITARY LATERALS BY DYE TESTING METHOD

INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS

TRACKING PADS SHALL BE INSTALLED AND MAINTAINED AT ALL CONSTRUCTION ENTRANCES

ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL, SEED, FERTILIZER AND MULCH

PROPOSED STREET LIGHT (TYP)

PROP ST MH 223 (5' DIA)
STA: 4+69 8.59' L
RIM 766.81

PROP 11 LF 27" RCP CL III ST SWR @ 0.40%

GRADING LIMITS TO BACK OF WALK IF REPLACING SIDEWALK OTHERWISE TO FACE OF WALK UNLESS SHOWN OTHERWISE

STA. 4+56, 8' R
PROP. 6" VALVE,
REMOVE EXIST. 6X4" TEE & CONNECT TO EXIST. 6" WATER

STA. 0+35.5, 8' R
PROP. TEMP. 2" BLOW OFF

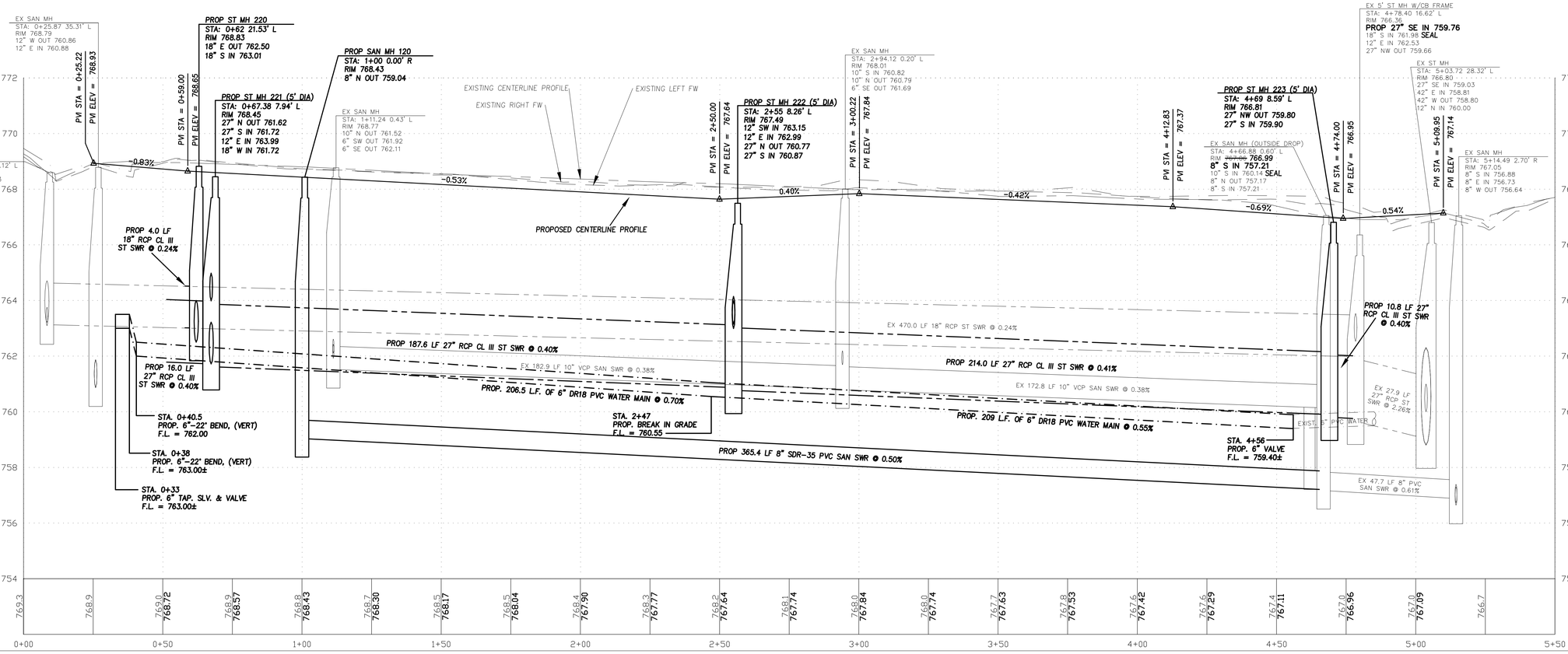
STA. 0+38, 8' R
PROP. 6"-22° BEND, (VERT)

STA. 0+40.5, 8' R
PROP. 6"-22° BEND, (VERT)

PROP TYPE "H" CB 221-E
STA: 0+62.38 16.00' R
RIM 768.23
12" W OUT 764.23

STA. 0+33, 8' R
PROP. 6" TAPPING SLEEVE & VALVE
PROP. 32# ANODE BAG TO EXIST. CI

STA. 0+37, 17' R
PROP. 4" CAP ON EXIST. WATER



Department of Public Works
Engineering & Land Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
KAYE STREET – ELEVENTH ST TO THIRTEENTH ST
UTILITY & STREET RECONSTRUCTION

BENCH MARKS
HYD (ABS) SE CORNER ELEVENTH AND KAYE = 769.41 (NAVD 88)
HYD (BURY BOLT) NW CORNER THIRTEENTH AND KAYE = 770.88 (NAVD 88)

SURVEYED BY: TJB DATE: 09-2012
DRAWN BY: JMK DATE: 12-2012
DESIGNED BY: JMK DATE: 12-2012
SCALES: HORIZ. 1" = 20' VERT. 1" = 2'
ACAD FILE: a_St-11th to 13th.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 5 OF 16

ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Kaye St - 11th to 13th.dwg
Plot Date: Feb 21, 2013 - 4:02pm
Layout: PLPR 22X36
Plotted By: tbyerly

N. MAIN ST.

SCOTT STREET

INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS

TRACKING PADS SHALL BE INSTALLED AND MAINTAINED AT ALL CONSTRUCTION ENTRANCES

ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL, SEED, FERTILIZER AND MULCH

EXISTING 460 LF OF 30" CLAY SANITARY SEWER TO BE ABANDONED IN PLACE USING SAND OR CELLULAR CONCRETE

CONTRACTOR TO VERIFY LOCATION OF ALL ACTIVE SANITARY LATERALS BY DYE TESTING METHOD

GRADING LIMITS TO FACE OF WALK WHERE SIDEWALK IS PRESENT. ALL OTHER AREAS ARE 3' BEHIND THE BACK OF CURB UNLESS OTHERWISE NOTED ON PLANS

INSTALL 3" PVC CONDUIT ALONG N/B WEST CURB LINE FROM STA: 1+00 TO 16+59

INSTALL #12 TRACER WIRE IN ALL EMPTY CONDUIT

24"x48" STEEL PULL BOX (TYP)

EXISTING 24" RCP STORM SEWER TO BE REMOVED FROM STA: 3+77 TO 5+92 (215 LF)

PROP 24" FIELD CB 231-W2 STA: 4+99.47 7.30' L RIM 750.36 10" N OUT 745.98 10" NW IN 746.08

PERFORM ULO TO LOCATE EX 10" MAIN BEFORE ORDERING CB 231-W1 & W2

PROP 31 LF 10" SDR-35 PVC ST SWR @ 1.00%

PROP 24" FIELD CB 231-W1 STA: 5+30.45 7.36' L RIM 750.32 10" S IN 745.67 12" NE OUT 744.65

PROP 2 LF 10" SDR-35 PVC ST SWR @ 1.61%

PROP SAN MH 132 STA: 5+48.34 18.00' R RIM 749.39

PROP 36 LF 12" RCP CL III ST SWR @ 1.00%

THICKEN PAVEMENT EDGE IN LAST 5' TO MATCH EXISTING 9" CONCRETE

DIRECTIONAL BORE 3" ELECRICAL CONDUIT CROSSING

HAND FORM CURB

PROP 24" RCP CL III ST SWR

PROP 6 LF 18" PVC ST SWR @ 1.00%

PROP 7 LF 12" RCP CL III ST SWR @ 1.00%

PROP ST MH 234 STA: 2+05 27.10' R RIM 750.05

PROP TYPE "H" CB 234-E STA: 2+00 32.50' R RIM 749.84 12" NW OUT 745.84

REMOVE ABANDONED WATER VALVE TO 3' BELOW PROP GRADE (WORK TO BE INCIDENTAL TO CATCH BASIN INSTALLATION)

TIE NEW SIDEWALK TO EXISTING USING #4x12" EPOXY COATED REBAR

PROP 8 LF 18" RCP CL III ST SWR @ 0.40% RECONNECT PIPE AT NEAREST JOINT TO PROP MANHOLE.

PROP ST MH 233 STA: 3+09.24 26.00' R RIM 749.88

PROP ST MH 232 STA: 3+77.23 26.00' R RIM 749.50

PROP TYPE "H" CB 232-E STA: 3+73 32.50' R RIM 749.27 12" NW OUT 745.27

PROP 8 LF 12" RCP CL III ST SWR @ 1.00%

PROP 8 LF 12" RCP CL III ST SWR @ 1.00%

PROP ST MH 231 STA: 5+45 26.00' R RIM 749.22

PROP TYPE "H" CB 231-E STA: 5+40 32.50' R RIM 748.99 12" NW OUT 744.99 CONTRACTOR TO MODIFY CURB BOX TO FIT 4" CURB HEIGHT

PROP 4" CURB HEAD BETWEEN DRIVEWAYS FROM 5+33 TO 6+04 (EASTSIDE)

TIE NEW SIDEWALK TO EXISTING USING #4x12" EPOXY COATED REBAR

EXISTING 156 LF OF 24" RCP STORM SEWER TO BE ABANDONED IN PLACE USING SAND OR CELLULAR CONCRETE.

CONNECT 3" CONDUIT TO EXIST FIBER OPTIC VAULT

POSSIBLE WATER SERVICE CONFLICT WITH STORM SEWER, RELOCATE IF NECESSARY.

CONTRACTOR TO VERIFY IF E INV IS ACTIVE OR NOT.

SAPUTO CHEESE USA

POUR BOYS

PROP N/B CL PROFILE

EXIST N/B LEFT BC

EXIST CENTERLINE PROFILE

EXIST N/B RIGHT FL

EXIST RIGHT FW

END OF RCP STUB FROM 2011 MAIN ST RECONSTRUCT PLAN N INV = 745.44 VERIFY ELEV PRIOR TO LAYING LAST RUN.

PROP 113.8 LF 24" RCP CL III ST SWR @ 0.33%

PROP 104.2 LF 24" RCP CL III ST SWR @ 0.35%

PROP 68.0 LF 24" RCP CL III ST SWR @ 0.50%

PROP 167.8 LF 24" RCP CL III ST SWR @ 0.64%

EX 104.7 LF 24" RCP ST SWR @ 0.18%

EX 248.1 LF 24" VCP ST SWR @ 0.08%

EX 68.0 LF 24" VCP ST SWR @ -0.09%

EX 99.4 LF 24" RCP ST SWR @ 0.01%

EX 115.8 LF 24" RCP ST SWR @ -0.01%

EX 162.8 LF 24" RCP ST SWR @ 0.15%

EX 350.2 LF 10" VCP SAN SWR @ 0.46%

EXIST N/B CENTERLINE

PROP N/B CENTERLINE

Department of Public Works
Engineering & Utility Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
N MAIN ST - SCOTT TO FRAZIER
UTILITY & STREET RECONSTRUCTION

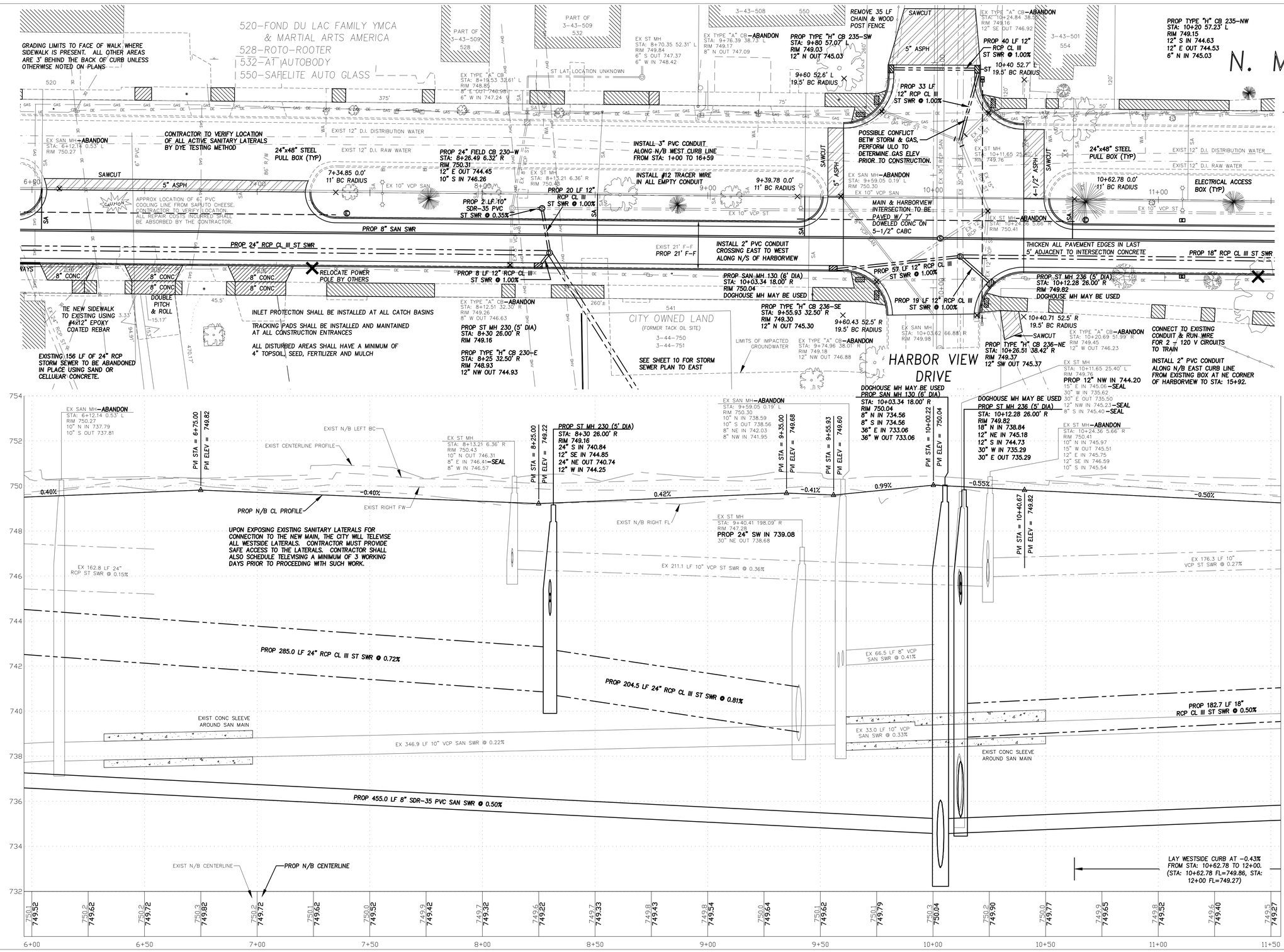
BENCH MARKS
HYD (88) NW CORNER MAIN & SCOTT = 752.14 (NAVD88)
HYD (88) E/S SCOTT 15' N OF MAIN = 753.13 (NAVD88)
HYD (88) W/S MAIN @ 520 = 751.54 (NAVD88)

SURVEYED BY: TJB DATE: 10/12
DRAWN BY: JRB/MPB DATE: 1/12
DESIGNED BY: JRB DATE: 2/13
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: Ma...St...ott to ... o...Br...or...w.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 6 OF 16

ACAD File Path: C:\Users\mbarn\appdata\local\temp\AcPublish_828\Main St - Scott to 750' N of Harborview.dwg
Plotted By: mbarn
Layout: PLPR 22X36 PG 6
Plot Date: Feb 21, 2013 - 4:19pm



Department of Public Works
Engineering & Traffic Division
Ciy of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
N MAIN ST - SCOTT TO FRAZIER
UTILITY & STREET RECONSTRUCTION

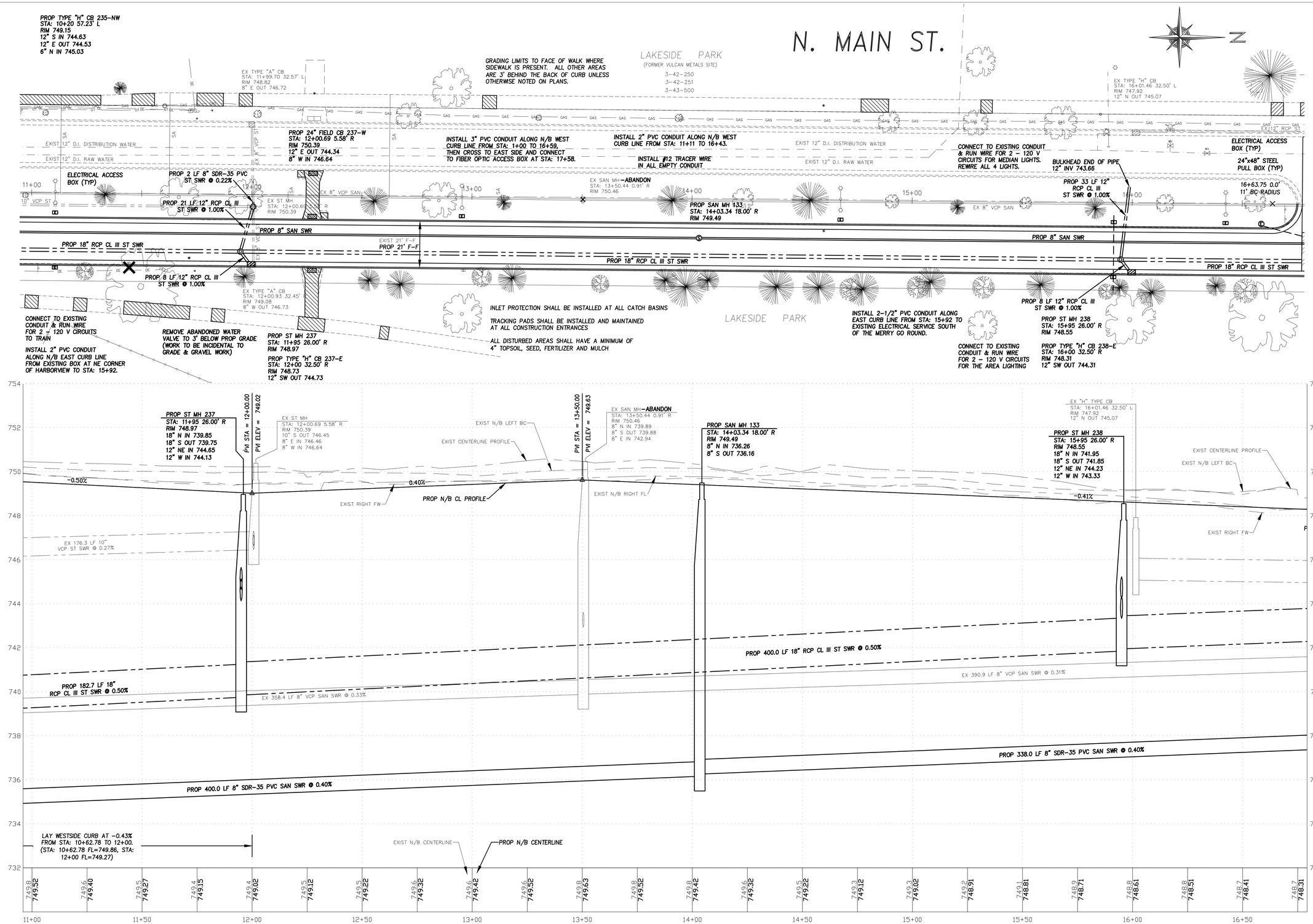
BENCH MARKS
HYD (88) W/S MAIN @ 520 = 751.54 (NAVD88)
HYD (88) NW CORNER MAIN & HARBORVIEW = 752.15 (NAVD88)

SURVEYED BY: TJB DATE: 10/12
DRAWN BY: TJB/MPB DATE: 10/12
DESIGN BY: TJ/MPB DATE: 2/13
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: Ma...St. S ott to ... N of ...w.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 7 OF 16

Plot Date: Feb 21, 2013 - 4:20pm Layout: PLPR 22X36 PG 7 Plotted By: mborn
ACAD File Path: C:\Users\mborn\appdata\local\temp\AcPublish_828\Main St - Scott to 750' N of Harborview.dwg



Department of Public Works
Engineering & Traffic Division
Office: 160 S. Macy St.
Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
N MAIN ST - SCOTT TO FRAZIER
UTILITY & STREET RECONSTRUCTION

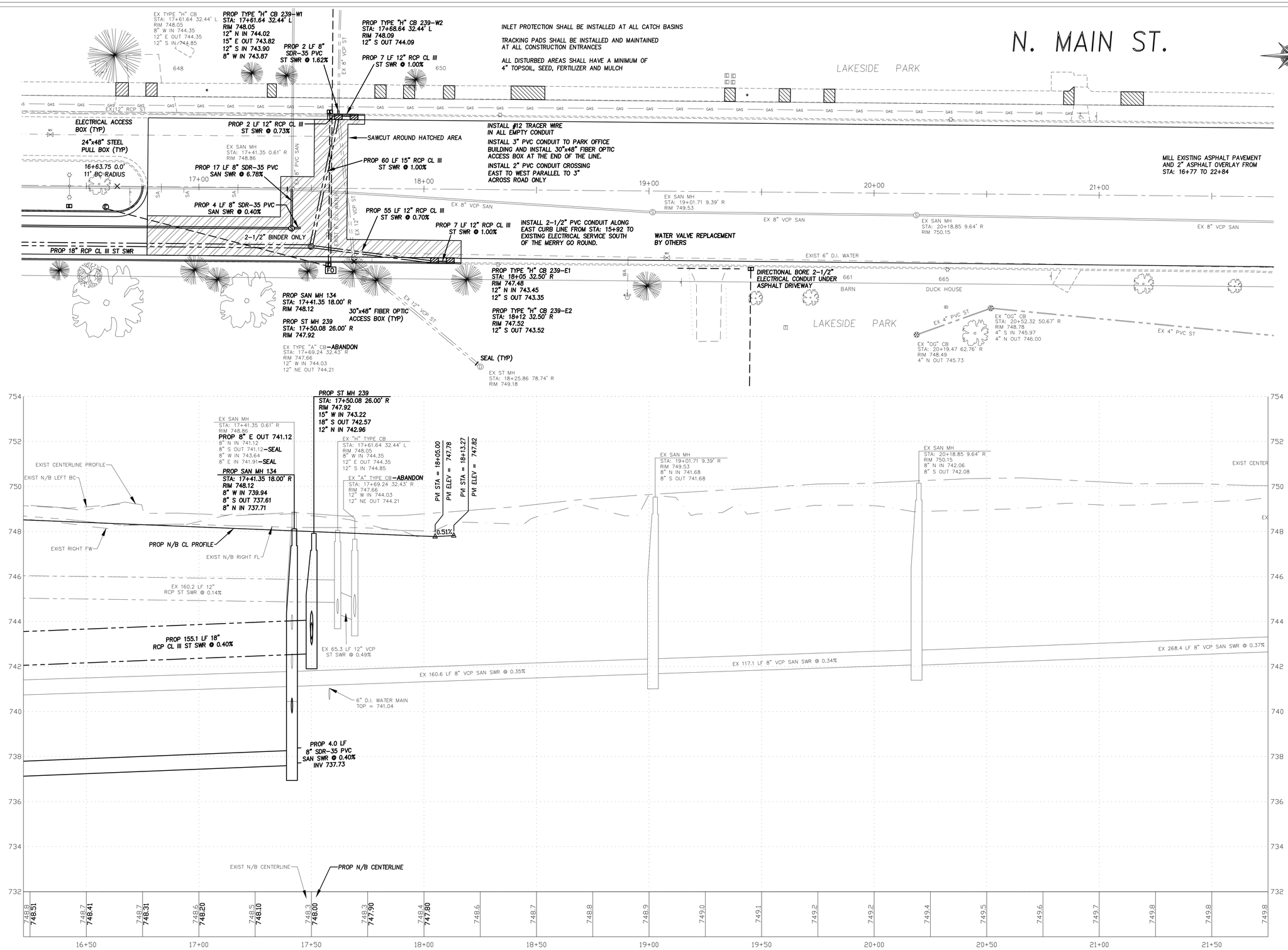
BENCH MARKS
HYD (88) NW CORNER MAIN & HARBORVIEW = 752.15 (NAVD88)
HYD (86) W/S MAIN, 151.5' OF ENTR TO PARK GARAGE = 750.67 (NAVD88)

SURVEYED BY: TJB DATE: 10/12
DRAWN BY: TJB/MFB DATE: 10/12
DESIGN BY: TJB/MFB DATE: 10/12
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: Ma...St. Scott to...' 0...Br Or...w.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 8 OF 16

ACAD File Path: C:\Users\mborn\appdata\local\temp\AcPublish_828\Main St - Scott to 750' N of Harborview.dwg
Plot Date: Feb 21, 2013 - 4:21pm
Layout: PLPR 22X36 PG 8
Plotted By: mborn



Department of Public Works
Engineering & Traffic Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
N MAIN ST – SCOTT TO FRAZIER
UTILITY & STREET RECONSTRUCTION

BENCH MARKS
HYD (BB) W/S MAIN, 1ST S OF ENTR TO PARK GARAGE = 750.67 (NAVD88)

SURVEYED BY: TJB DATE: 10/12
DRAWN BY: TJB/MPB DATE: 10/12
DESIGN BY: MPB DATE: 2/13
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: Main St. Scott to ' & ' N of Harborview.dwg

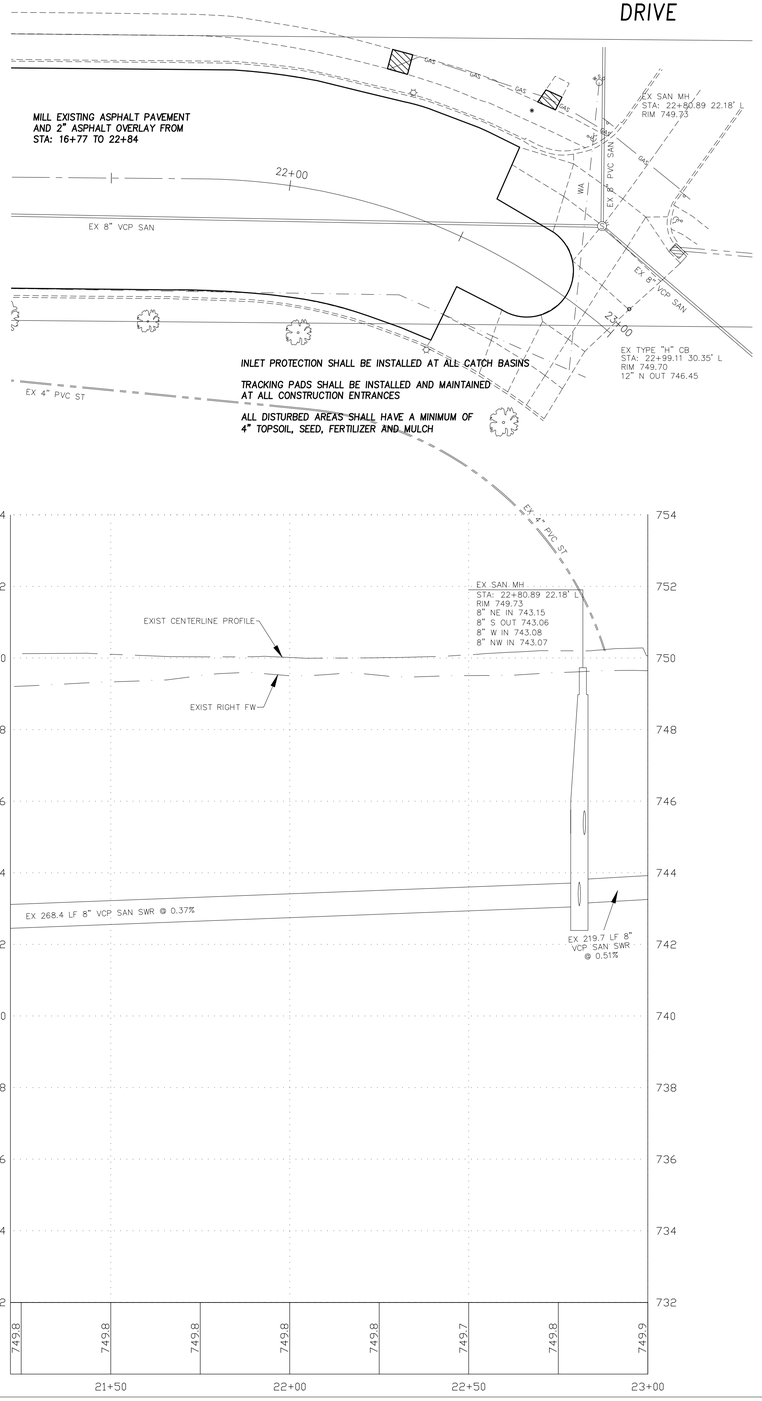
REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 9 OF 16

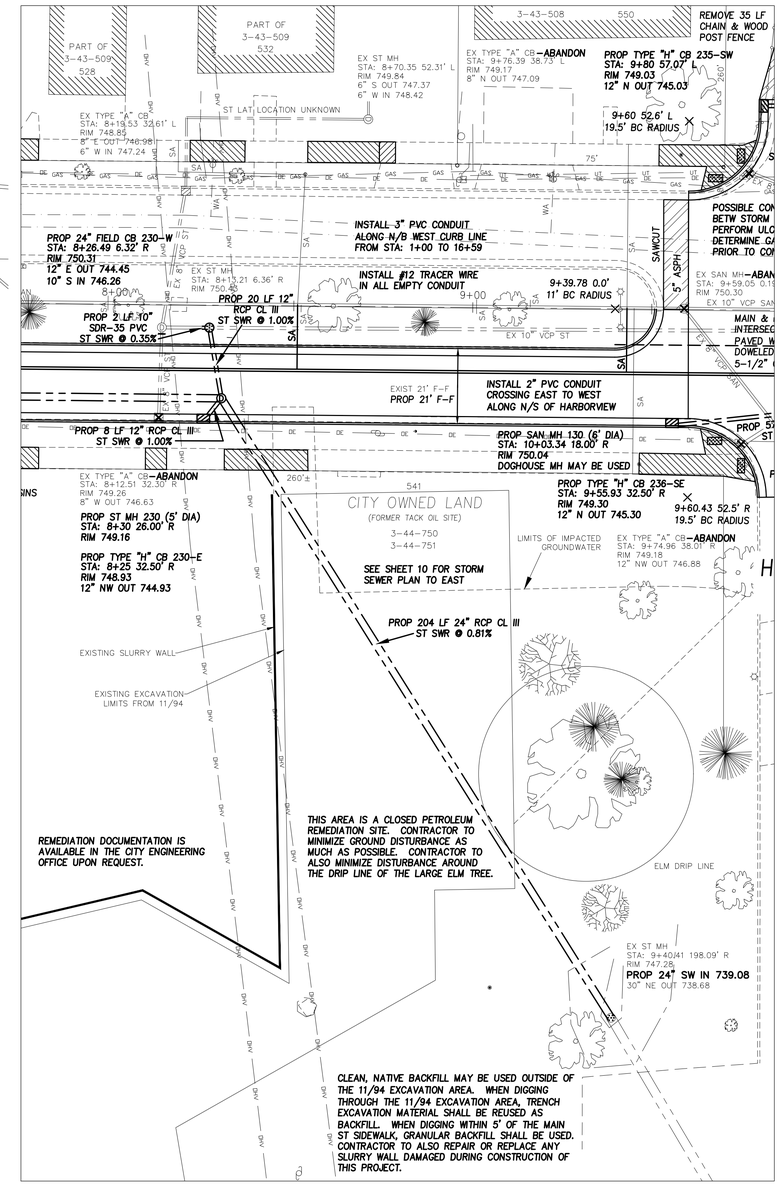
Plot Date: Feb 21, 2013 – 4:22pm Layout: PLPR 22X36 PG 9 Plotted By: mborn

ACAD File Path: C:\Users\mborn\appdata\local\temp\AcPublish_828\Main St – Scott to 750' N of Harborview.dwg

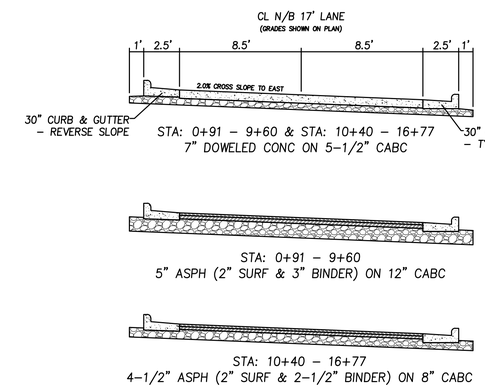
N. MAIN ST.



STORM SEWER LINE THROUGH TACK OIL SITE



PAVING DETAILS



GRADES
CL+0.17=LEFT LL
CL+0.25=LEFT FL
CL+0.75=RIGHT BC
CL-0.17=LEFT LL
CL-0.29=LEFT FL
CL+0.21=LEFT BC

Department of Public Works
Engineering & Traffic Division
Office of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
N MAIN ST - SCOTT TO FRAZIER
UTILITY & STREET RECONSTRUCTION

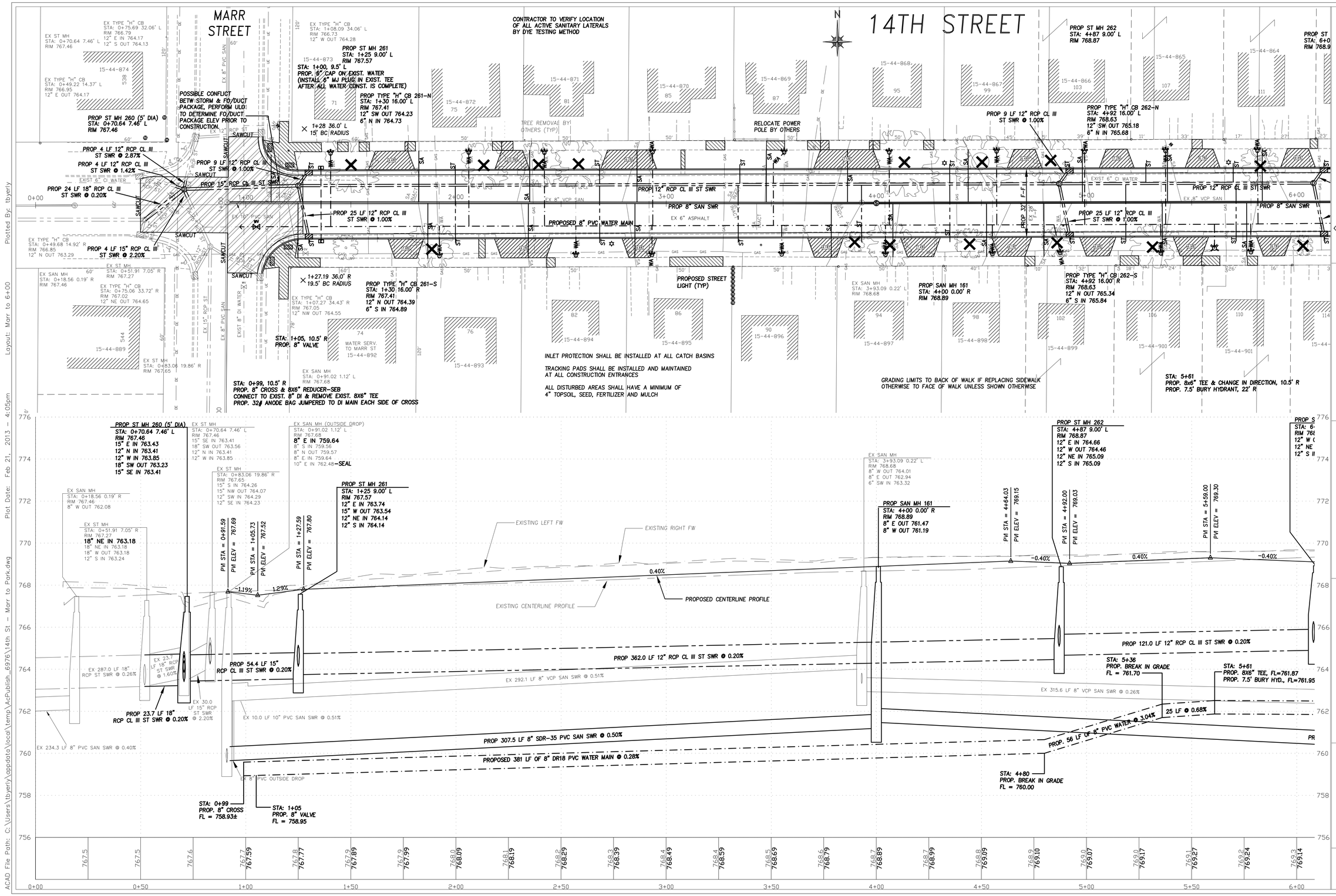
BENCH MARKS
HYD (88) W/S MAIN, 15'± S OF ENTR TO PARK GARAGE = 750.67 (NAVD88)

SURVEYED BY: TJB DATE: 10/12
DRAWN BY: T JB/MPB DATE: 10/12
DESIGNED BY: TJB DATE: 10/12
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: Ma...St. S ott to ... N of Ha.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 10 OF 16

ACAD File Path: C:\Users\mborn\appdata\local\temp\AcPublish_828\Main St - Scott to 750' N of Harborview.dwg Plot Date: Feb 21, 2013 - 4:24pm Layout: PLPR 22X36 PG 10 Plotted By: mborn



Plotted By: tbyerly
Layout: Marr to 6+00
Plot Date: Feb 21, 2013 - 4:05pm
ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_6976\14th St - Marr to Park.dwg

Department of Public Works
Engineering & Traffic Division
Chris Kierzenka, Director
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

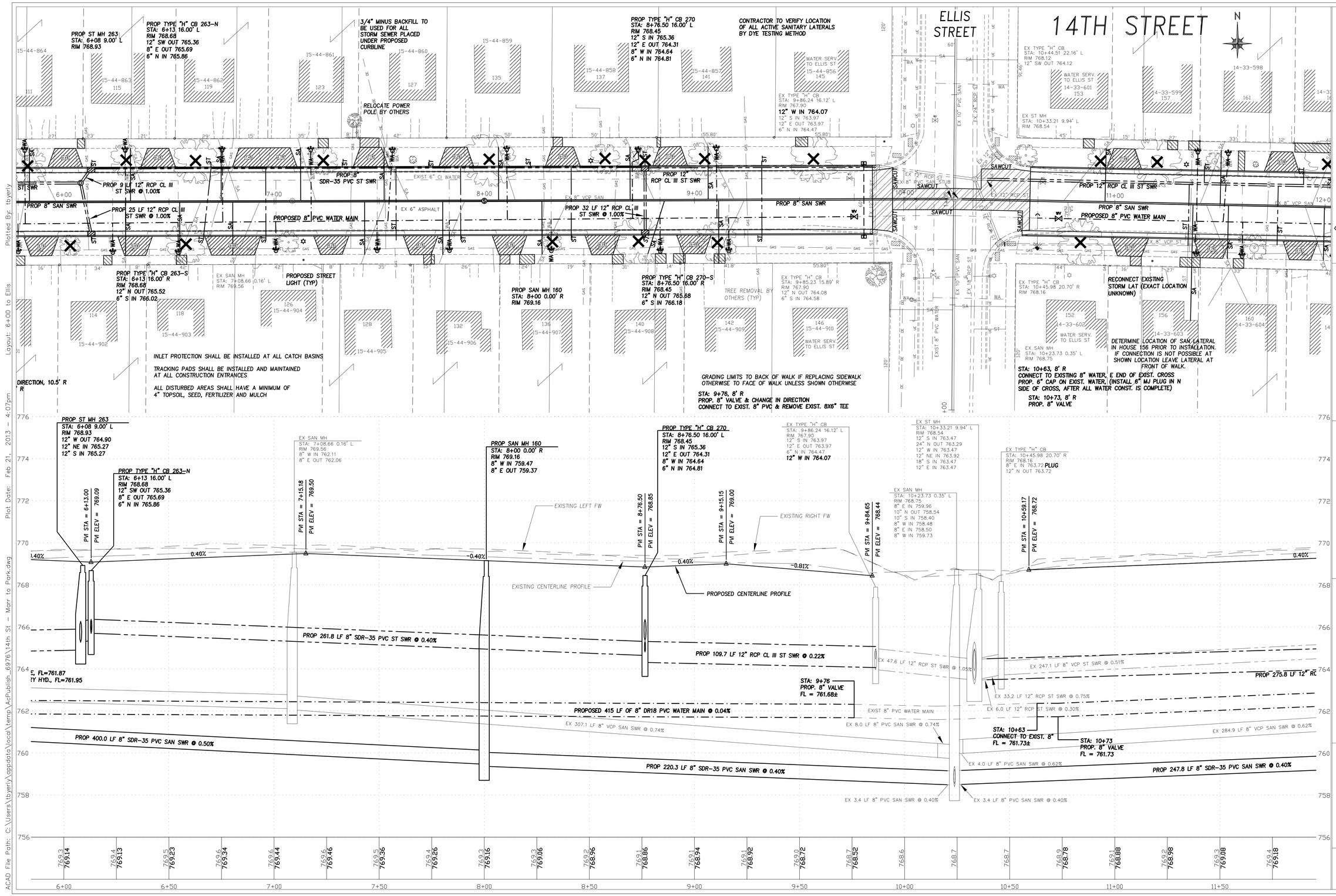
PROJECT
14TH STREET - MARR TO PARK
SANITARY, STORM, & STREET RECONSTRUCTION

BENCH MARKS
Hydrant (Bury Bolt) NE Corner 14th & Marr = 769.23 (NAVD88)
Hydrant (Bury Bolt) SE Corner 14th & Park = 770.04 (NAVD88)
Hydrant (Arrow) NW Corner 14th & Park = 771.50 (NAVD88)

SURVEYED BY: JS, SW, ZY DATE: SUMMER 10
DRAWN BY: TJB DATE: SUMMER 10
DESIGNED BY: TJB DATE: WINTER 10-11
SCALES: HORIZ. 1"=20' VERT. 1"=2'

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 11 OF 16



Plotted By: tbyerly
Layout: 6+00 to Ellis
Plot Date: Feb 21, 2013 - 4:07pm
ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_6976\14th St - Marr to Park.dwg

Department of Public Works
Engineering & Traffic Division
City of Fond du Lac, Wisconsin
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Fax: 920-322-3471

Fond du Lac
First on the Lake

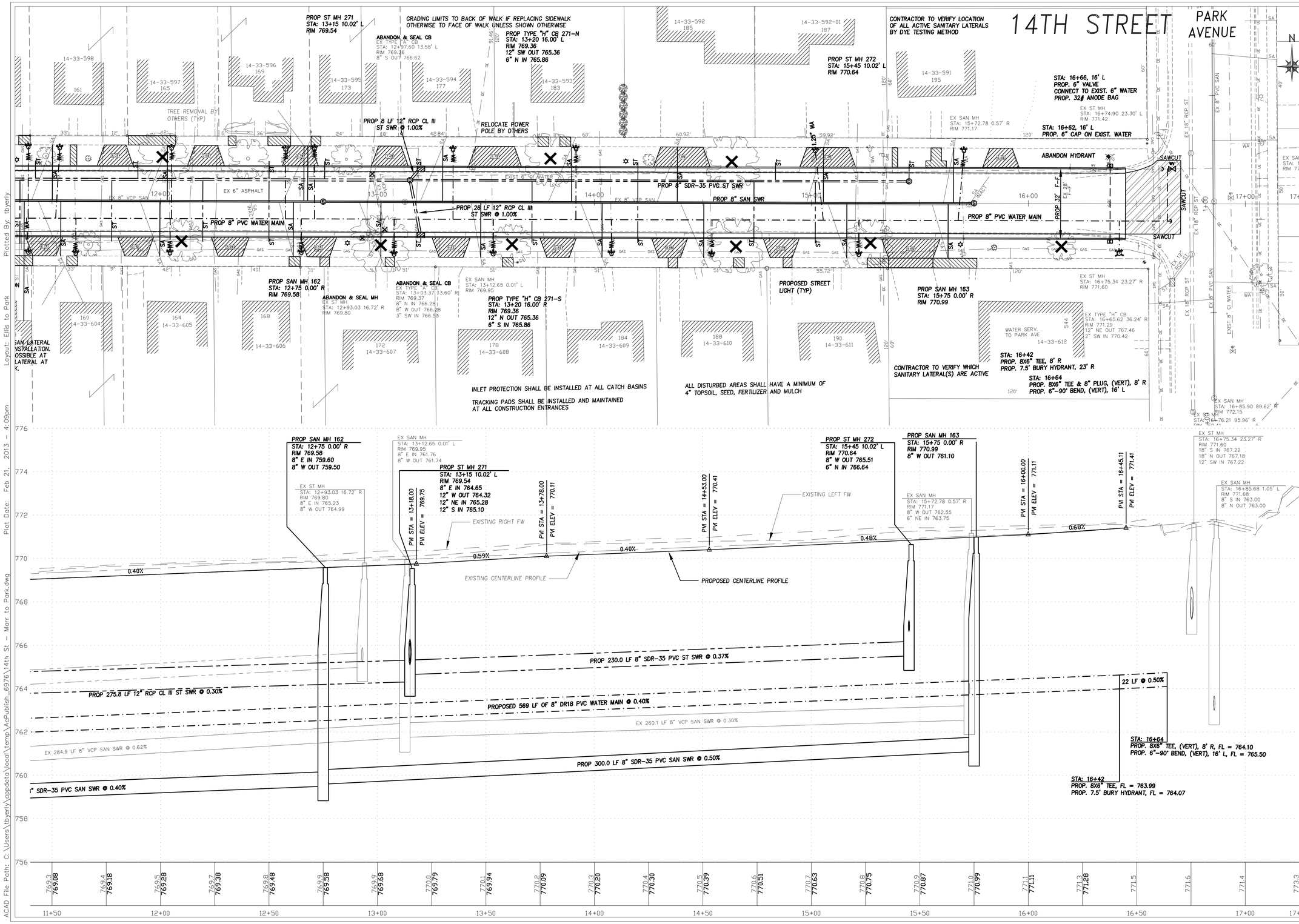
PROJECT
14TH STREET - MARR TO PARK
SANITARY, STORM, & STREET RECONSTRUCTION

BENCH MARKS
Hydrant (Bury Bolt) NE Corner 14th & Marr = 769.23 (NAVD88)
Hydrant (Bury Bolt) SE Corner 14th & Ellis = 770.04 (NAVD88)
Hydrant (Arrow) NW Corner 14th & Park = 771.50 (NAVD88)

SURVEYED BY: JS, SW, ZY — DATE: SUMMER 10
DRAWN BY: T.J.B. — DATE: SUMMER 10-11
DESIGNED BY: T.J.B. — DATE: WINTER 10-11
SCALES: HORIZ. 1"=20' — VERT. 1"=2'
ACAD FILE: 14th St - Marr to Park.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 12 OF 16



Department of Public Works
Engineering & Traffic Division
Ciro Fabbrini, P.E., Division Manager
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
14TH STREET - MARR TO PARK
SANITARY, STORM, & STREET RECONSTRUCTION

BENCH MARKS
Hydrant (Bury Bolt) NE Corner 14th & Marr = 769.23 (NAVD88)
Hydrant (Bury Bolt) SE Corner 14th & Ellis = 770.24 (NAVD88)
Hydrant (Arrow) NW Corner 14th & Park = 771.59 (NAVD88)

SURVEYED BY: JS, SW, ZY
DRAWN BY: TJB
CHECKED BY: TJB
SCALES: HORIZ. 1"=20'
ACAD FILE: 14th St - Marr to Park.dwg
DATE: SUMMER 10
DATE: SUMMER 10
DATE: WINTER 10-11
VERT. 1"=2'

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 13 OF 16

EVERETT STREET / CHAMPION AVENUE

SHEBOYGAN STREET

DIVISION STREET

ST. FRANCIS ASSISTED LIVING FACILITY

STA: 1+43, 15' L
PROP. 8" CROSS & 8" PLUG
PROP. 32# ANODE BAG, JUMPERED TO DI MAIN EACH SIDE OF CROSS
CONNECT TO EXIST. 8" WATER

STA: 1+48, 15' L
PROP. 8" VALVE

STA: 1+85
PROP. 8X6" (MJ x SWIVEL) TEE, 15' L
PROP. 6" VALVE, 16.2' L
PROP. 7.5' BURY HYDRANT, 19.4' L

STA: 2+36, 15' L
PROP. 8" VALVE

REMOVE & REPLACE
6" CONCRETE DRIVEWAY

REMOVE & REPLACE
6" CONCRETE DRIVEWAY

PROPOSED 8" PVC WATER MAIN

STA: 1+42, 15' R
PROP. 10" CAP ON EXIST. MAIN
(INSTALL 10" MJ PLUG IN EXIST. TEE
AFTER ALL WATER CONST. IS COMPLETE)

ABANDON HYDRANT

STA: 2+26
PROP. 8" TEE, 15' L
PROP. 8"-45° BEND, (VERT), 2', 4', 9' & 11' R
PROP. 8" VALVE & TEMPORARY 2" BLOW OFF, 15' R
PROP. 32# ANODE BAG & CONNECT TO EXIST. 8" DI
AFTER ALL WATER CONST. IS COMPLETE, 18' R

STA: 2+25, 36' R
PROP. 8" CAP ON EXIST. MAIN
(INSTALL 8" MJ PLUG IN EXIST. CROSS
AFTER ALL WATER CONST. IS COMPLETE)

MILL & OVERLAY EXIST. ASPHALT
PAVEMENT WITH 2" OF ASPHALT
STA. 1+38 TO STA. 4+28

REMOVE & REPLACE
7" CONCRETE PAVEMENT

STA: 5+14.5
PROP. 6" VALVE & CONNECT TO EXIST., 0.5' L
PROP. 6"-45° BEND, (VERT), 1.5' R & 4' R
PROP. 8X6" CROSS, 6.3' R
PROP. 6"-45° BEND, (VERT), 8.6' R & 11.1' R
PROP. 6" VALVE & CONNECT TO EXIST,, 13.1' R
REMOVE EXIST. TEE & 6" VALVE
PROP. 32# ANODE BAG, 1.5' L & 14' R

STA: 5+46
PROP. 8X6" TEE, 0.5' R
PROP. 6" VALVE, 3' L
PROP. 7.5' BURY HYDRANT, 23' L

STA: 5+17, 6.3' R
PROP. 8"-45° BEND

REMOVE & REPLACE
9" CONCRETE PAVEMENT

STA: 5+22.5, 0.5' R
PROP. 8"-45° BEND

STA: 5+21, 4' R
PROP. 4" CAP ON EXIST. WATER

ABANDON HYDRANT

STA: 5+14
PROP. 6" PVC & CONNECT TO EXIST. 6" CI @ 33' R & 38' R
REMOVE TWO EXIST. TEES, AFTER ALL WATER CONST. IS COMPLETE
PROP. 32# ANODE BAG, 38' R

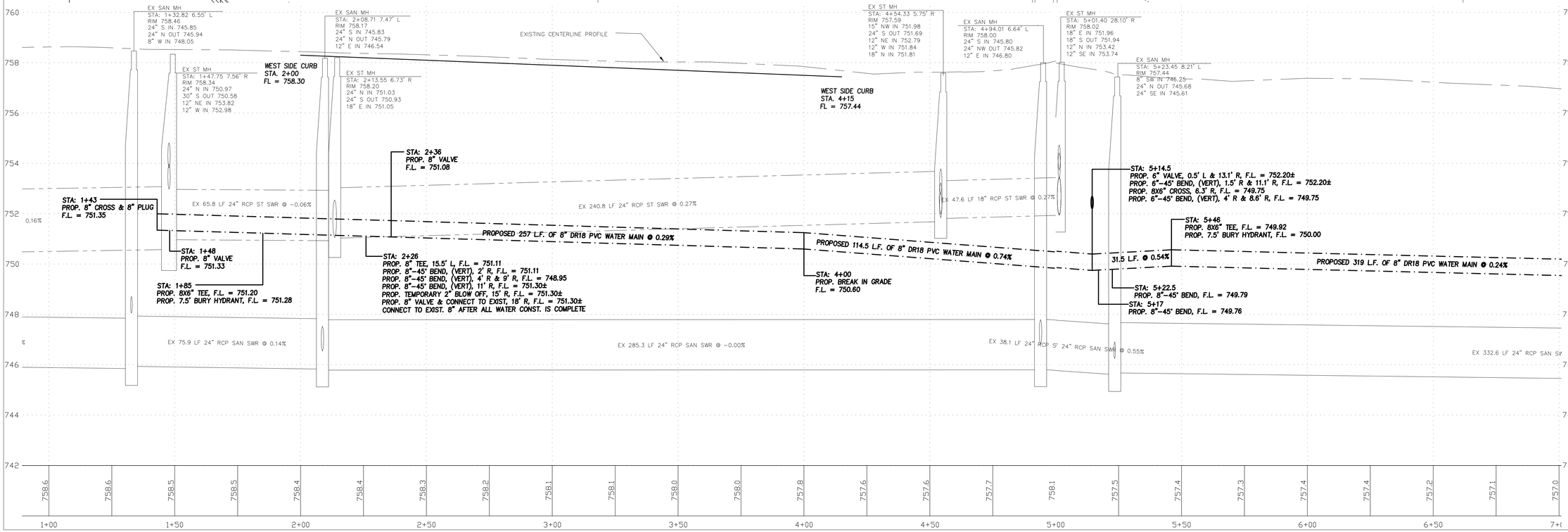
INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS

TRACKING PADS SHALL BE INSTALLED AND MAINTAINED
AT ALL CONSTRUCTION ENTRANCES

ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF
4" TOPSOIL, SEED, FERTILIZER AND MULCH

PROTECT EXISTING WALK BETWEEN STA. 1+90 AND STA. 4+60

ALL SAWCUTTING SHALL BE DONE PRIOR TO START OF CONSTRUCTION
& SHALL BE DONE TO THE FULL DEPTH OF EXISTING PAVEMENT



Department of Public Works
Engineering & Traffic Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

Fond du Lac
First on the Lake

PROJECT
EVERETT STREET
WATER MAIN RECONSTRUCTION

BENCH MARKS
HYDRANT (ARROW) NE CORNER EVERETT & SHEBOYGAN = 762.05 (NAVD88)
HYDRANT (ARROW) SW CORNER EVERETT & CHAMPION = 760.01 (NAVD88)
HYDRANT (ARROW) SE CORNER MERRILL & CHAMPION = 759.70 (NAVD88)

SURVEYED BY: TJB/MPB DATE: NOV '12
DRAWN BY: TJB DATE: FEB '13
DESIGNED BY: TJB/MPB VERT. 1"=2'
SCALES: HORIZ. 1"=20'
ACAD FILE: hw_o a d r t:3h_o as to M r..dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 14 OF 16

Plotted By: tbyerly
Layout: Everett PLPR 22X36
Plot Date: Feb 21, 2013 - 4:03pm
ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Champion and Everett - Sheboygan to Merrill.dwg

CHAMPION AVENUE

MERRILL AVENUE

EX SAN MH STA: 8+56.05 7.48' L RIM 756.25

EX TYPE "H" CB STA: 8+98.27 13.65' L RIM 755.84 12" NE OUT 752.52

EX ST MH STA: 9+11.89 3.68' L RIM 756.21

STA. 10+75, 3.75 L
PROP. 8" PVC STORM
CORE/BOOT EXIST 12" STORM
8" E IN 751.90

EX ST MH STA: 12+28.02 3.79' L RIM 756.40

EX SAN MH STA: 12+35.72 11.33' L RIM 756.49

EX TYPE "A" CB STA: 12+23.89 16.10' L RIM 756.19 12" E OUT 753.11

EX SAN MH STA: 12+61.89 17.31' RIM 756.74

EX TYPE "A" CB STA: 12+78.65 14.10' L RIM 756.33 12" SE OUT 75

EX SAN MH STA: 12+63.03 14.64' R RIM 756.91

EX 24" RCP SAN

EX 12" RCP ST

EXIST 4" CI WATER

PROPOSED 8" PVC WATER MAIN

PROP. 17 LF OF 8" PVC ST SWR @ 2.88%

STA: 12+15
PROP. 8X6" TEE, 10' R
PROP. 7.5' BURY HYDRANT, 23' R

EX TYPE "H" CB STA: 12+23.98 RIM 756.19 12" W OUT 752.95

REMOVE & REPLACE 7" CONCRETE PAVEMENT

ABANDON HYDRANT

REMOVE & REPLACE 6" CONCRETE DRIVEWAY

EX TYPE "H" CB STA: 8+99.97 13.33' R RIM 755.78 12" NW OUT 752.88

STA: 8+65, 0.5' R
PROP. 8" VALVE

STA: 9+02, 0.5' R
PROP. 8"-45° BEND

STA: 9+11.5, 10' R
PROP. 8"-45° BEND

PROP. TYPE "H" CB
STA. 10+75, 13.5' R
RIM 756.07
8" W OUT 752.39

STA: 12+67
PROP. 8"-45° BEND, (VERT), 10' R

STA: 12+69
PROP. 4" CAP ON EXIST. WATER, 6" R
PROP. 8"-45° BEND, (VERT), 10' R
PROP. 6" CAP ON EXIST. WATER, 34' R

STA: 12+71, 10' R
PROP. 8" TAPPING SLV. & VALVE
PROP. 32# ANODE BAG

EX 27" RCP ST

EX 24" PVC SAN

INLET PROTECTION SHALL BE INSTALLED AT ALL CATCH BASINS

TRACKING PADS SHALL BE INSTALLED AND MAINTAINED AT ALL CONSTRUCTION ENTRANCES

ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" TOPSOIL, SEED, FERTILIZER AND MULCH

ALL SAWCUTTING SHALL BE DONE PRIOR TO START OF CONSTRUCTION & SHALL BE DONE TO THE FULL DEPTH OF EXISTING PAVEMENT

EX ST MH STA: 12+55.60 3.80' L RIM 756.78 12" S IN 750.61 27" E OUT 741.21 12" NW IN 752.32 24" W IN 744.26

EX SAN MH STA: 12+35.72 11.33' L RIM 756.49 24" S IN 744.99 24" NE OUT 744.53

EX ST MH STA: 12+28.02 3.79' L RIM 756.40 12" S IN 750.78 12" N OUT 750.74 12" W IN 752.93 12" E IN 752.89

EX SAN MH STA: 12+63.03 14.64' R RIM 756.91 24" SW IN 744.73 24" E OUT 744.51 8" W IN 745.41

EX SAN MH STA: 8+56.05 7.48' L RIM 756.25 24" S IN 745.27 24" N OUT 745.43

EX ST MH STA: 9+11.89 3.68' L RIM 756.21 12" N OUT 752.55 12" SW IN 752.52 12" SE IN 752.72

EXISTING CENTERLINE PROFILE

EAST SIDE CURB STA. 9+02 FL = 755.78

EAST SIDE CURB STA. 10+25 FL = 756.27

EAST SIDE CURB STA. 10+75 FL = 756.07

EAST SIDE CURB STA. 11+62 FL = 756.42

EAST SIDE CURB STA. 12+24 FL = 756.19

EX 316.1 LF 12" RCP ST SWR @ 0.56%

EX 27.6 LF 12" RCP ST SWR @ 0.47%

STA: 9+02
PROP. 8"-45° BEND
F.L. = 749.20

PROPOSED 319 L.F. OF 8" DR18 PVC WATER MAIN @ 0.24%

PROPOSED 350 L.F. OF 8" DR18 PVC WATER MAIN @ 0.15%

52 L.F. OF 8" WATER @ 0%

STA: 9+11.5
PROP. 8"-45° BEND
F.L. = 749.22

STA: 12+15
PROP. 8X6" TEE, F.L. = 749.67
PROP. 7.5' BURY HYDRANT, F.L. = 749.75

STA: 12+69
PROP. 8"-45° BEND, (VERT)
F.L. = 751.30±

STA: 12+71
PROP. 8" TAP. SLV. & VALVE
F.L. = 751.30±

STA: 12+67
PROP. 8"-45° BEND, (VERT)
F.L. = 749.67

STA: 8+65
PROP. 8" VALVE & BREAK IN GRADE
F.L. = 749.15

SWR @ 0.12%

EX 379.7 LF 24" RCP SAN SWR @ 0.12%

EX 37.7 LF 24" PVC SAN SWR @ 0.53%

760 758 756 754 752 750 748 746 744 742

757.0 756.9 756.8 756.7 756.6 756.5 756.4 756.3 756.3 756.3 756.3 756.4 756.4 756.5 756.5 756.6 756.7 756.7 756.8 756.8 756.7 756.4 756.7 756.6

7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00 12+50 13+00

Plotted By: tbyerly
Layout: Champion PLPR 22X36
Plot Date: Feb 21, 2013 - 4:03pm
ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Champion and Everett - Sheboygan to Merrill.dwg

Department of Public Works
Engineering & Traffic Division
City of Fond du Lac, Wisconsin
Phone: 920-322-3470
Fax: 920-322-3471

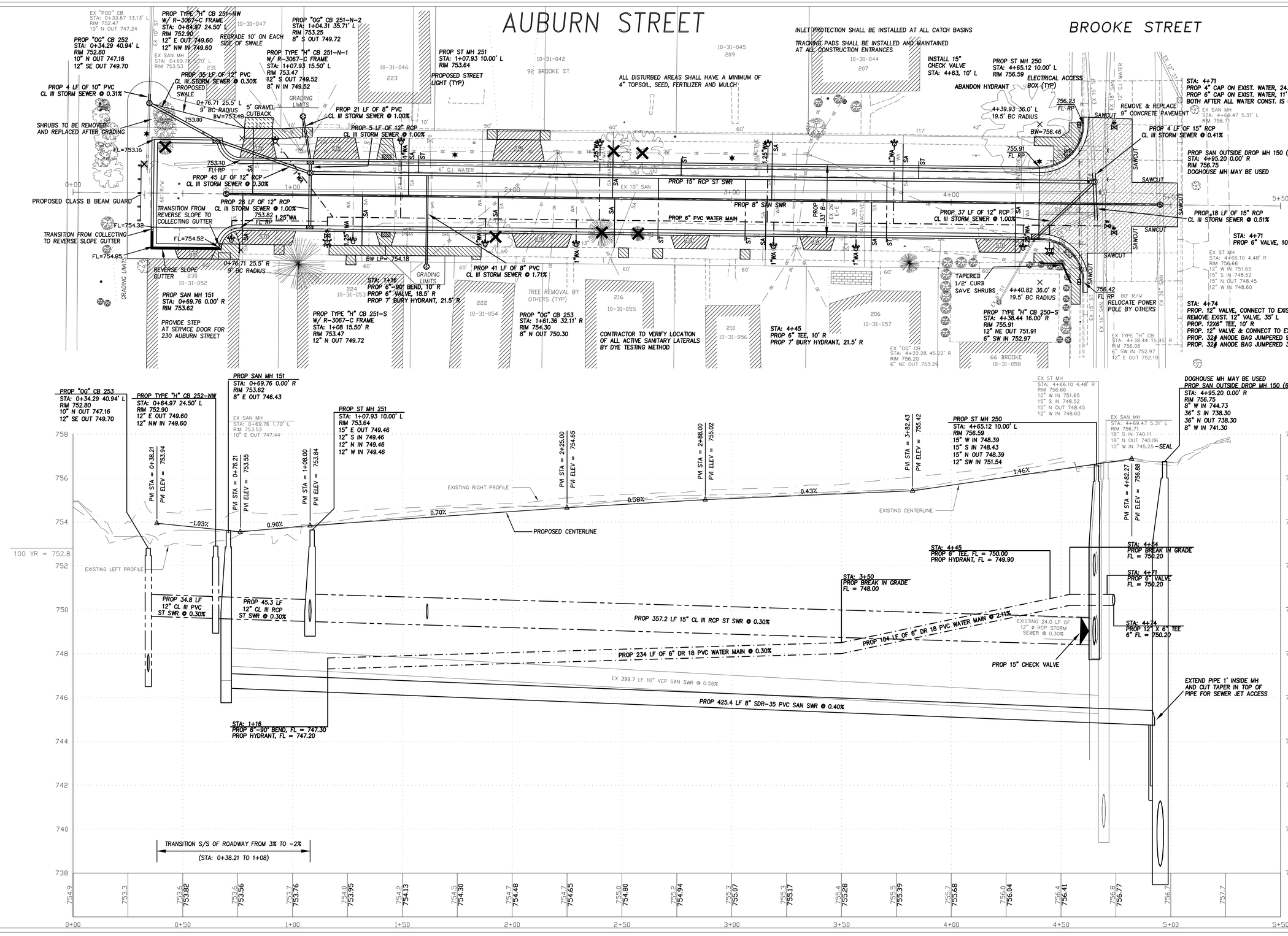
Fond du Lac
First on the Lake

PROJECT
CHAMPION AVENUE
WATER MAIN RECONSTRUCTION

BENCH MARKS
HYDRANT (ARROW) NE CORNER EVERETT & SHEBOYGAN = 762.05 (NAVD88)
HYDRANT (ARROW) SE CORNER EVERETT & CHAMPION = 762.43 (NAVD88)
HYDRANT (ARROW) SE CORNER MERRILL & CHAMPION = 759.70 (NAVD88)

SURVEYED BY: TJB/MPB DATE: NOV '12
DRAWN BY: TJB DATE: DEC '12
DESIGNED BY: TJB DATE: DEC '12
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: hm_o a d r ft-3h_0 an to m ...dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:



Department of Public Works
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Fond du Lac
First on the Lake

PROJECT
AUBURN STREET
SANITARY, STORM, & STREET RECONSTRUCTION

BENCH MARKS
Hyd (er) NW Corner Auburn & Brooke = 777' (NAVD88)
Hyd (er) NW Corner Brooke & Lewis = 759.37 (NAVD88)

SURVEYED BY: ZA & BR DATE: SUMMER 08
DRAWN BY: T.B. DATE: WINTER 08/09
DESIGNED BY: T.B. DATE:
SCALES: HORIZ. 1"=20' VERT. 1"=2'
ACAD FILE: r:...rock. to...a road.dwg

REVISIONS:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:
BY: DATE:

SHEET 16 OF 16

ACAD File Path: C:\Users\tbyerly\appdata\local\temp\AcPublish_5932\Auburn - Brooke to Railroad.dwg Plot Date: Feb 21, 2013 - 4:01pm Layout: PLPR Plotted By: tbyerly